

1921 TGTAAGATGCGCTTCTTGATATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
1981 ATCTTCTCAGTCATTCTGATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
1981 ATCTTCTCAGTCATTCTGATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
2041 TATCTCCCTCTCNGTATATCTGATTTGATANGTANGTCTCTCTACAA 2100
2041 TATCTCCCTCTCNGTATATCTGATTTGATANGTANGTCTCTCTACAA 2100
2101 CATTTCTAGAAAATAGAAAAAGACACAGAAATGTTTAACTGTTTCACTCTTATGAT 2160
2101 CATTTCTAGAAAATAGAAAAAGACACAGAAATGTTTAACTGTTTCACTCTTATGAT 2160
2161 ACTTCTTGGAAATCATGACATCAAGATAGACTTTTGCCTTAAGTCTGAGTCTT 2220
2161 ACTTCTTGGAAATCATGACATCAAGATAGACTTTTGCCTTAAGTCTGAGTCTT 2220
2221 TCATAGCCAACTTGTATATTTAATCTTCTTGTATATTA 2260
2221 TCATAGCCAACTTGTATATTTAATCTTCTTGTATATTA 2260

RESULT 61

US-10-165-067A-118
; Sequence 118, Application US/10165067A
; Publication No. US20030185841A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630FIC42
; CURRENT APPLICATION NUMBER: US/10/165.067A
; PRIOR FILING DATE: 2001-10-19
; PRIOR FILING DATE: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-165-067A-118
Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGGCGCG 60
Db 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGGCGCG 60
Qy 61 GCTTAGCTGTACGGGGTCCGGCCGGCGCTCCCGAGGGGGCTCAGGAGAGGA 120
Db 61 GCTTAGCTGTACGGGGTCCGGCCGGCGCTCCCGAGGGGGCTCAGGAGAGGA 120
Qy 121 GGACCCGTGGAGAATGCTCTGCCCTGGAGCCTTCCCGCTCCCGCTGCTCTCTCTGG 180
Db 121 GGACCCGTGGAGAATGCTCTGCCCTGGAGCCTTCCCGCTCCCGCTGCTCTCTCTGG 180
Qy 181 TGGCAGGTGTTTTCGGGACCGGCGCCAGTGCAGGATCAACGGGTGTTAGCATCGGCAC 240
Db 181 TGGCAGGTGTTTTCGGGACCGGCGCCAGTGCAGGATCAACGGGTGTTAGCATCGGCAC 240
Qy 241 GTACGCTGGGGTCTGTCACTATGGAATAACTGGCCCTGCTACCGCTGGAGAGAA 300
Db 241 GTACGCTGGGGTCTGTCACTATGGAATAACTGGCCCTGCTACCGCTGGAGAGAA 300
Qy 301 ACAGCAGGAGTCTGTGAAGTACATGCGAACCTCGATGTAAGTTGTTGTTGTTGGTGG 360
Db 301 ACAGCAGGAGTCTGTGAAGTACATGCGAACCTCGATGTAAGTTGTTGTTGTTGGTGG 360
Qy 361 GACCAACAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCTCAAGATGTGA 420
Db 361 GACCAACAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCTCAAGATGTGA 420
Qy 421 ATGAGTGTGAATGAAACCCCGCCATGCCAACACAGATGTGTGAATACACCGAAGCT 480
Db 421 ATGAGTGTGAATGAAACCCCGCCATGCCAACACAGATGTGTGAATACACCGAAGCT 480
Qy 481 ACAGTGTGTTTGCCTCAGTGGCCACATGCTATGCCAGATGCTAGTGTGTGAACTCTA 540
Db 481 ACAGTGTGTTTGCCTCAGTGGCCACATGCTATGCCAGATGCTAGTGTGTGAACTCTA 540
Qy 541 GGACATGTGCCATGATAAATGTGTCAGTGTGGAACACACAGAAAGGCGCCACAGT 600
Db 541 GGACATGTGCCATGATAAATGTGTCAGTGTGGAACACACAGAAAGGCGCCACAGT 600
Qy 601 GCCTGTGTCCATCTCAGGACTCGGCTGCCCAATGGAGAGACTGCTTAGATATTG 660
Db 601 GCCTGTGTCCATCTCAGGACTCGGCTGCCCAATGGAGAGACTGCTTAGATATTG 660
Qy 661 ATGAATGTGCTCTGGTAAAGTCAATCTGCTCCCTACATCGAAGATGTGTGAACATTTG 720
Db 661 ATGAATGTGCTCTGGTAAAGTCAATCTGCTCCCTACATCGAAGATGTGTGAACATTTG 720
Qy 721 GAAGCTACTTGCATAATGTGCAATTGGTTTGAATGCAATATATATCAGTGGACGATATG 780

Db 721 GAAGCTACTACTGCAATGTCAATGTTGTTTCGAATCGCAATATATCATGTCGACCATATG 780
Qy 781 ACTGTATAGATATAAATGAATGATCTATGATAGCAATGTCGACCATCAATTCGCAATT 840
Db 781 ACTGTATAGATATAAATGAATGATCTATGATAGCAATGTCGACCATCAATTCGCAATT 840
Qy 841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGCAATGGAC 900
Db 841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGCAATGGAC 900
Qy 901 TTCGGTGTTCGTCTATCCCTGAAATTCGTGTGAAGGAGTCTCTCAGAGCACTGTGTACCA 960
Db 901 TTCGGTGTTCGTCTATCCCTGAAATTCGTGTGAAGGAGTCTCTCAGAGCACTGTGTACCA 960
Qy 961 TCAAGACAGAAATCAAGAAGTTCCTCTCACAAGAACAGCATGAAAGAGAGGCAAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAGTTCCTCTCACAAGAACAGCATGAAAGAGGCAAAAA 1020
Qy 1021 TTAAGATGTTACCCAGAACCCACAGGACTCTTACCCCTCAAGGTGAACCTTGCAGCCCT 1080
Db 1021 TTAAGATGTTACCCAGAACCCACAGGACTCTTACCCCTCAAGGTGAACCTTGCAGCCCT 1080
Qy 1081 TCAACTATGAAGATAGTTCCTCAGAGCGGGAATCTCATGAGGTAAAGAGGGAATG 1140
Db 1081 TCAACTATGAAGATAGTTCCTCAGAGCGGGAATCTCATGAGGTAAAGAGGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGGAAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGGAAGATGA 1200
Qy 1201 CATAGAGAGGAGGAGGCTGCGAGAGAGATGTTTTCCTTAAGGTGAATGAGCAGTGA 1260
Db 1201 CATAGAGAGGAGGAGGCTGCGAGAGAGATGTTTTCCTTAAGGTGAATGAGCAGTGA 1260
Qy 1261 ATTCCGCTGATTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1320
Db 1261 ATTCCGCTGATTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1320
Qy 1321 AAATATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1380
Db 1321 AAATATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1380
Qy 1381 AGATGATTTGACTGGAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440
Db 1381 AGATGATTTGACTGGAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440
Qy 1441 TCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
Db 1441 TCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
Qy 1501 GCAACCCCAAGCACTTCTGTTGCTCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1560
Db 1501 GCAACCCCAAGCACTTCTGTTGCTCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1560
Qy 1561 GAACTTCGAGTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 1620
Db 1561 GAACTTCGAGTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 1620
Qy 1621 TGAGATGAAATGCAAGAGAGGAGGAAATTCAGTGTGATCAAGGAACTGATGCTACCA 1680
Db 1621 TGAGATGAAATGCAAGAGAGGAGGAAATTCAGTGTGATCAAGGAACTGATGCTACCA 1680
Qy 1681 AAGCATCATTTTTGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1740
Db 1681 AAGCATCATTTTTGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1740
Qy 1741 CGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1800
Db 1741 CGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1800
Qy 1801 ACTATCTTTATATTTGACTTTGATGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860
Db 1801 ACTATCTTTATATTTGACTTTGATGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860

RESULT 62

US-10-145-017A-118

; Sequence 118, Application US/10145017A

; Publication No. US20030186365A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Baton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gottlieb, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoli, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630F1C32

; CURRENT APPLICATION NUMBER: US/10/145,017A

; PRIOR FILING DATE: 2001-10-19

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03


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/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/065364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 118
/ LENGTH: 2260
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
/ OTHER INFORMATION: unknown base
US-10-145-017A-118

Query Match      99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  CGGACGGGTGCGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGAGGCGGCG 60
Db      1  CGGACGGGTGCGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGAGGCGGCG 60

Qy      61  GCTTAGTGTCTACGGGTGCGGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
Db      61  GCTTAGTGTCTACGGGTGCGGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120

Qy     121  GGACCGGTGCGAGAAATGCTCTGCGCTGGAGCGCTTGGCGCTCCCGCTGCTCTCTCGG 180
Db     121  GGACCGGTGCGAGAAATGCTCTGCGCTGGAGCGCTTGGCGCTCCCGCTGCTCTCTCGG 180

Qy     181  TGGCAGGTGTTTCGGGAAACGCGGCGAGTGCAGGAGTACCGGGTGTAGCATCGGCAC 240
Db     181  TGGCAGGTGTTTCGGGAAACGCGGCGAGTGCAGGAGTACCGGGTGTAGCATCGGCAC 240

Qy     241  GTCAGCGCTGGCGGTCTGTCACTATGGAATAAATGGCGCTCTGCTACGGCTGGAGAGAA 300
Db     241  GTCAGCGCTGGCGGTCTGTCACTATGGAATAAATGGCGCTCTGCTACGGCTGGAGAGAA 300

Qy     301  ACAGCAAGGAGTCTGTGAAGCTACATCGGAAACCTGGATGTAAAGTTTGGTGAAGTGG 360
Db     301  ACAGCAAGGAGTCTGTGAAGCTACATCGGAAACCTGGATGTAAAGTTTGGTGAAGTGG 360

Qy     361  GACCAACAAATGAGATGCTTTCAGGATACACCGGGAACCTGCAGTCAAGATGTGA 420
Db     361  GACCAACAAATGAGATGCTTTCAGGATACACCGGGAACCTGCAGTCAAGATGTGA 420

Qy     421  ATGAGTGTGAATGAACCCCGGCAATGCCAAACAGATGTGAATACACAGGAGCT 480
Db     421  ATGAGTGTGAATGAACCCCGGCAATGCCAAACAGATGTGAATACACAGGAGCT 480

Qy     481  ACAAGTGTCTTTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGGAACCTTA 540
Db     481  ACAAGTGTCTTTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGGAACCTTA 540

Qy     541  GGACATGTGCCATGAATAACTGTGATACAGCTGTGAAGACACAGAGAAAGGCCACAGT 600
Db     541  GGACATGTGCCATGAATAACTGTGATACAGCTGTGAAGACACAGAGAAAGGCCACAGT 600

Qy     601  GCCTGTGTCCATCTCAGGACTCCGCGTGGCCCGCCCAATGGAGAGAGTGTCTAGATATTG 660
Db     601  GCCTGTGTCCATCTCAGGACTCCGCGTGGCCCGCCCAATGGAGAGAGTGTCTAGATATTG 660
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Qy      661  ATGAATGTGCTCTGTGTAAGTCAATCTGTCCCTACAAATCGAAGATGTGTGAACACATTGG 720
Db      661  ATGAATGTGCTCTGTGTAAGTCAATCTGTCCCTACAAATCGAAGATGTGTGAACACATTGG 720

Qy      721  GAAGCTACTACTGCAAAATGTCAATTTGGTTTGGAAATGCAATATATATCAGTGAACCATATG 780
Db      721  GAAGCTACTACTGCAAAATGTCAATTTGGTTTGGAAATGCAATATATATCAGTGAACCATATG 780

Qy      781  ACTGTATAGATATAAATGAAATGTACTATGAGATAGCCATACGTGCGAGCCACCAATTC 840
Db      781  ACTGTATAGATATAAATGAAATGTACTATGAGATAGCCATACGTGCGAGCCACCAATTC 840

Qy      841  GCCTCAATCCCAAGGGTCTTCAAGTGAATGCAAGTGAATGCAAGTGAATGCAAGTGAATG 900
Db      841  GCCTCAATCCCAAGGGTCTTCAAGTGAATGCAAGTGAATGCAAGTGAATGCAAGTGAATG 900

Qy      901  TTGCGTGTCTGCTATCTCCCTGAAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGTGTACCA 960
Db      901  TTGCGTGTCTGCTATCTCCCTGAAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGTGTACCA 960

Qy     961  TCAAGACAGAAATCAAGAGTGTCTGCTTCAAAACAGCATGAAAGAGAGGCAAAA 1020
Db     961  TCAAGACAGAAATCAAGAGTGTCTGCTTCAAAACAGCATGAAAGAGAGGCAAAA 1020

Qy    1021  TTAATAATGTTTACCCAGAACCCACAGGACTCTCTACCCCTTAAGGTGAACCTTTCAGGCCCT 1080
Db    1021  TTAATAATGTTTACCCAGAACCCACAGGACTCTCTACCCCTTAAGGTGAACCTTTCAGGCCCT 1080

Qy    1081  TCAACTATGAAGAGATAGTTTTCAGAGGGGGAACTCTCATGAGGGTAAAGAGGGAATG 1140
Db    1081  TCAACTATGAAGAGATAGTTTTCAGAGGGGGAACTCTCATGAGGGTAAAGAGGGAATG 1140

Qy    1141  AAGAGAAATCAAGAGAGGGGCTTGAAGATCAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
Db    1141  AAGAGAAATCAAGAGAGGGGCTTGAAGATCAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200

Qy    1201  CATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260
Db    1201  CATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260

Qy    1261  ATTGCGGCTCATTTCTGCTCCAAAGGAAAGCGCTTAACCTTCCAAACCTGGAACATATAAGATT 1320
Db    1261  ATTGCGGCTCATTTCTGCTCCAAAGGAAAGCGCTTAACCTTCCAAACCTGGAACATATAAGATT 1320

Qy    1321  AAATATCTCGGTTGACTGCGAGCTTCAATCATGGATCTGTGATCTGGAACACAGATAGAGA 1380
Db    1321  AAATATCTCGGTTGACTGCGAGCTTCAATCATGGATCTGTGATCTGGAACACAGATAGAGA 1380

Qy    1381  AGATGATTTGATCTGGAATCTGCTGATCGAGATATGCTATTTGGCTTCTATATGCGAGT 1440
Db    1381  AGATGATTTGATCTGGAATCTGCTGATCGAGATATGCTATTTGGCTTCTATATGCGAGT 1440

Qy    1441  TCCGGCTTGGCAGGTCACAAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Db    1441  TCCGGCTTGGCAGGTCACAAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500

Qy    1501  GCAACCCCAAGCACTTCTGTTTGTCTTGTATACCGCTGCGCGGAGACAGAGTGG 1560
Db    1501  GCAACCCCAAGCACTTCTGTTTGTCTTGTATACCGCTGCGCGGAGACAGAGTGG 1560

Qy    1561  GAAACTTTCGAGTGTGTTGTAAGAAACAGTAACATGCGCTTGGCATGGGAGAGACACCGAG 1620
Db    1561  GAAACTTTCGAGTGTGTTGTAAGAAACAGTAACATGCGCTTGGCATGGGAGAGACACCGAG 1620

Qy    1621  TGAGGATGAAGTGGAGACAGGGAATTTGATGTTGATCAAGGAACTGATGCTACCA 1680
Db    1621  TGAGGATGAAGTGGAGACAGGGAATTTGATGTTGATCAAGGAACTGATGCTACCA 1680

Qy    1681  AAGCATCATTTTGAAGCAGAACGTGCAAGGCAAAAACCGCGAAATCCGAGTGGATGG 1740
Db    1681  AAGCATCATTTTGAAGCAGAACGTGCAAGGCAAAAACCGCGAAATCCGAGTGGATGG 1740
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1741 CQTCTTGCTGTTTCCAGGCTTATGTCAGATAGAGCTTTTATCTGTGGATGACTGAATGTT 1800
1741 CQTCTTGCTGTTTCCAGGCTTATGTCAGATAGAGCTTTTATCTGTGGATGACTGAATGTT 1800
1801 ACTATCTTATATTTGACTTTGATGTGTCAGTTCCCTGGTTTTTTTGTATTTGCATCATAG 1860
1801 ACTATCTTATATTTGACTTTGATGTGTCAGTTCCCTGGTTTTTTTGTATTTGCATCATAG 1860
1861 GACCTCTGGCATTTTATAGATTTACTAGCTGAAAAATTTGAATGTACCAACAGAAAAATTTAT 1920
1861 GACCTCTGGCATTTTATAGATTTACTAGCTGAAAAATTTGAATGTACCAACAGAAAAATTTAT 1920
1921 TGTAGATGCTTTCTTGTATAGATGCAATTTTCTTTTAAATATCATATCATCTGT 1980
1921 TGTAGATGCTTTCTTGTATAGATGCAATTTTCTTTTAAATATCATATCATCTGT 1980
1981 ATCTTCTCAGTCATTTCTGATCTTTTCCNCAATTTATATATAAATNTGGAANGTCAGTT 2040
1981 ATCTTCTCAGTCATTTCTGATCTTTTCCNCAATTTATATATAAATNTGGAANGTCAGTT 2040
2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTACAA 2100
2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTACAA 2100
2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTTATGAT 2160
2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTTATGAT 2160
2161 ACTTCTTGAAACTATGATGATCAACAAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGTCTT 2220
2161 ACTTCTTGAAACTATGATGATCAACAAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGTCTT 2220
2221 TCATAGCCAACTCTGATATTTAAATCTTCTGTAATAATAA 2260
2221 TCATAGCCAACTCTGATATTTAAATCTTCTGTAATAATAA 2260

RESULT 63
US-10-164-728A-118
; Sequence 118, Application US/10164728A
; Publication No. US20030186368A1
; GENEAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillen, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PLC43
; CURRENT APPLICATION NUMBER: US/10/164,728A

; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-164-728A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
DB 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
QY 61 GCTTAGCTGTCTACGGGGTCCGGCCCGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAAGA 120
DB 61 GCTTAGCTGTCTACGGGGTCCGGCCCGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAAGA 120
QY 121 GGACCCGTGCGAGAAATGCTCTGCGCTTGGAGCCCTTGGCGCTCCCGCTGCTGCTCTCTGG 180
DB 121 GGACCCGTGCGAGAAATGCTCTGCGCTTGGAGCCCTTGGCGCTCCCGCTGCTGCTCTCTGG 180
QY 181 TGGCAGGTGTTTCGGGAAACGGGCCAGTGCAGAGGCATCACGGGTTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGTTTCGGGAAACGGGCCAGTGCAGAGGCATCACGGGTTGTTAGCATCGGCAC 240
QY 241 GTACGCTGGGGTCTGTCACTATGGAACCTAACTGAGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
DB 241 GTACGCTGGGGTCTGTCACTATGGAACCTAACTGAGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACTGCGATGTAAGTTTGGTGAAGTGGTGG 360
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACTGCGATGTAAGTTTGGTGAAGTGGTGG 360
QY 361 GACCAAAACAAATGAGATGCTTTCCAGGATACACCGGGGAAACCTGCGAGTCAAGATGTGA 420
DB 361 GACCAAAACAAATGAGATGCTTTCCAGGATACACCGGGGAAACCTGCGAGTCAAGATGTGA 420
QY 421 ATGAGTGTGGATGAACCCCGGGCCATGCCAACACAGATGTGTGAATACACAGGAGCT 480
DB 421 ATGAGTGTGGATGAACCCCGGGCCATGCCAACACAGATGTGTGAATACACAGGAGCT 480
QY 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTGCTGCTGCTGCTGCT 540
DB 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTGCTGCTGCTGCTGCT 540

541	QY	GGACATGTGCCATGATAAACTGTCAGTACAGCTGTGAAGACA	CAGAAAGAGGCCACAGT	500
541	DB	GGACATGTGCCATGATAAACTGTCAGTACAGCTGTGAAGACA	CAGAAAGAGGCCACAGT	600
601	QY	GCCTGTGTCCATCCTCAGGACTCCGCTCGGCCCAAAATGGAAGAGACTG	TCTAGATATTG	660
601	DB	GCCTGTGTCCATCCTCAGGACTCCGCTCGGCCCAAAATGGAAGAGACTG	TCTAGATATTG	660
661	QY	ATGAATGTGCTCTGTGTAAGTCACATGTCCTCAATCGAAGATGTGTG	GAACACATTTG	720
661	DB	ATGAATGTGCTCTGTGTAAGTCACATGTCCTCAATCGAAGATGTGTG	GAACACATTTG	720
721	QY	GAACTCTACTCGCAATGTCACATTTGGTTTGGAACTGCAATATATCAG	TGGAGCATATG	780
721	DB	GAACTCTACTCGCAATGTCACATTTGGTTTGGAACTGCAATATATCAG	TGGAGCATATG	780
781	QY	ACTGTATAGATATAAATGAAATGACTATGGATAGCCATACGTGAGGAC	CAATGCCAATT	840
781	DB	ACTGTATAGATATAAATGAAATGACTATGGATAGCCATACGTGAGGAC	CAATGCCAATT	840
841	QY	GCTTCAATATCCCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAA	AGGCATATGGAC	900
841	DB	GCTTCAATATCCCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAA	AGGCATATGGAC	900
901	QY	TTCCGTGTTCGTATCCCTGAAAAATTCGTGAAGAACTCTCAGAGCACT	TGTGTACCA	960
901	DB	TTCCGTGTTCGTATCCCTGAAAAATTCGTGAAGAACTCTCAGAGCACT	TGTGTGTACCA	960
961	QY	TCAAAGACAGAAATCAGAAGTCTTCCTCAAAAAACAGCATGAAAAAG	AGGCAAAAA	1020
961	DB	TCAAAGACAGAAATCAGAAGTCTTCCTCAAAAAACAGCATGAAAAAG	AGGCAAAAA	1020
1021	QY	TTAAAAATGTTTACCCACAGAACCCACAGAGACTCTTACCCCTAAAGT	GAACTTTCAGCCCT	1080
1021	DB	TTAAAAATGTTTACCCACAGAACCCACAGAGACTCTTACCCCTAAAGT	GAACTTTCAGCCCT	1080
1081	QY	TCACACTATGAAGAGATAGTTTCAGAGGCGGAACTCTCATGGAGTTA	AAAAAGGGAATG	1140
1081	DB	TCACACTATGAAGAGATAGTTTCAGAGGCGGAACTCTCATGGAGTTA	AAAAAGGGAATG	1140
1141	QY	AAGAGAAATGAAGNGGGCTTCAGGATGGAATGAAGAGAGAGAAAGC	CTGTGAAGATGA	1200
1141	DB	AAGAGAAATGAAGNGGGCTTCAGGATGGAATGAAGAGAGAGAAAGC	CTGTGAAGATGA	1200
1201	QY	CATAGAGAGCGAAAGCCTTCGAGGAGATGTGTTTTTCCCTAAGGTGA	ATGAAGCAGTGA	1260
1201	DB	CATAGAGAGCGAAAGCCTTCGAGGAGATGTGTTTTTCCCTAAGGTGA	ATGAAGCAGTGA	1260
1261	QY	ATTCCGCCCTGATTCGTGTCMAAGGAAGCGCTTAATCTCCAAACTG	GAACATAAAGATTT	1320
1261	DB	ATTCCGCCCTGATTCGTGTCMAAGGAAGCGCTTAATCTCCAAACTG	GAACATAAAGATTT	1320
1321	QY	AAATATCTTCGGTTGACTGACGCTTCAATCATATGGATCTGTGACTG	CGAAACAGGATAGAGA	1380
1321	DB	AAATATCTTCGGTTGACTGACGCTTCAATCATATGGATCTGTGACTG	CGAAACAGGATAGAGA	1380
1381	QY	AGATGATTTTGACTGGAATCCTCTGATCGAGATAATGCTATATGGCT	TCTATATGGCAGT	1440
1381	DB	AGATGATTTTGACTGGAATCCTCTGATCGAGATAATGCTATATGGCT	TCTATATGGCAGT	1440
1441	QY	TCCGGCCTTGCGAGTCAAGAAAGACATTTGGCCGATTTGAACTTCT	CTCACTGACCT	1500
1441	DB	TCCGGCCTTGCGAGTCAAGAAAGACATTTGGCCGATTTGAACTTCT	CTCACTGACCT	1500
1501	QY	GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAG	ACAAAGTCGG	1560
1501	DB	GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAG	ACAAAGTCGG	1560
1561	QY	GAAACTTCGAGTCTTTGTGAAGAAACAGTATACATGCGCTGGCATG	GGAGAGAGACAGAG	1620
1561	DB	GAAACTTCGAGTCTTTGTGAAGAAACAGTATACATGCGCTGGCATG	GGAGAGAGACAGAG	1620
1621	QY	TGAGGATGAAAGAGTGGAAAGACGGGAAAAATTCAGTTGTATCAAGG	AATCTGATCTACAA	1680

Db	1621	TGAGGATGAAAGTGGAGACAGGGGAAAATT	CAGTTGTATCAGGA	CTGATGCTACAA	1580
Qy	1681	AAGCATCATTTTTTGAAGCAGAAACGTGGC	CAAGGGCAAAAACCGCGGAAATTCG	CAGTGGATGG	1740
Db	1681	AAGCATCATTTTTTGAAGCAGAAACGTGGC	CAAGGGCAAAAACCGCGGAAATTCG	CAGTGGATGG	1740
Qy	1741	CGTCTCGCTGTTTTCAGGCTTATGTC	CCAGATAGCCCTTTATCTCTGGATGACTCA	GAATGTT	1800
Db	1741	CGTCTCGCTGTTTTCAGGCTTATGTC	CCAGATAGCCCTTTATCTCTGGATGACTCA	GAATGTT	1800
Qy	1801	ACTATCTTTATATTGACCTTTGATCT	CAGTTTCCCTGGTTTTTTTTTGA	TATTCATCATAG	1860
Db	1801	ACTATCTTTATATTGACCTTTGATCT	CAGTTTCCCTGGTTTTTTTTTGA	TATTCATCATAG	1860
Qy	1861	GACCTCTGGCAATTTAGAAATTA	CTAGCTGAAAAATTTGTAATG	TACCAACAGAAATATAT	1920
Db	1861	GACCTCTGGCAATTTAGAAATTA	CTAGCTGAAAAATTTGTAATG	TACCAACAGAAATATAT	1920
Qy	1921	TGTAAGATGCCCTTCTTGTAAGATA	TATGCCAATATTTGCTTTAAATAT	CATATCACTGT	1980
Db	1921	TGTAAGATGCCCTTCTTGTAAGATA	TATGCCAATATTTGCTTTAAATAT	CATATCACTGT	1980
Qy	1981	ATCTTCTCAGTCAFTTCTGAACTTT	CNCATATATATAAAATNTG	GAANGTCAGTT	2040
Db	1981	ATCTTCTCAGTCAFTTCTGAACTTT	CNCATATATATAAAATNTG	GAANGTCAGTT	2040
Qy	2041	TATCTCCCTCCTCNGTATATCTGAT	TTTGTATANGTATGATGNGCTTCT	CTCTACAA	2100
Db	2041	TATCTCCCTCCTCNGTATATCTGAT	TTTGTATANGTATGATGNGCTTCT	CTCTACAA	2100
Qy	2101	CATTTCTAGAAAAATAGAAAAA	AAAGCACAGAGAAATGTTTAA	CTGTTTGA	2160
Db	2101	CATTTCTAGAAAAATAGAAAAA	AAAGCACAGAGAAATGTTTAA	CTGTTTGA	2160
Qy	2161	ACTCTTGGAACTATGACATCA	AAAGTAGACTTTTGCCCTAGTGGCT	TAGCTGGTCTT	2220
Db	2161	ACTCTTGGAACTATGACATCA	AAAGTAGACTTTTGCCCTAGTGGCT	TAGCTGGTCTT	2220
Qy	2221	TCATAGCCAAACTTGTATATTT	TAATTTCTTTGTAATAATAA	2260	
Db	2221	TCATAGCCAAACTTGTATATTT	TAATTTCTTTGTAATAATAA	2260	

RESULT 64

US-10-013-926A-118

; Sequence 118, Application US/10013926A

; Publication No. US20030187241A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

```
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C80
; CURRENT APPLICATION NUMBER: US/10/013,926A
; PRIORITY FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
; US-10-013-926A-118

Query Match          99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  CGAGCGCTGGGTGCGAGTGGAGCGGAGCCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
DB      1  CGGACCGCTGGGTGCGAGTGGAGCGGAGCCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
QY      61  GCTTAGCTGCTACGGGGTCCGCGCGCCCTCCCGAGCGGGGCTCAGGAGGAGGAGGA 120
DB      61  GCTTAGCTGCTACGGGGTCCGCGCGCCCTCCCGAGCGGGGCTCAGGAGGAGGAGGA 120
QY      121  GGACCGCTGCGAGAAATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCTGGG 180
DB      121  GGACCGCTGCGAGAAATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCTGGG 180
QY      181  TGGCAGGTGGTTTCGGGAAACCGGCGCATGTCAAGGCATCAGGGTTGTTAGCATCGGCAC 240
DB      181  TGGCAGGTGGTTTCGGGAAACCGGCGCATGTCAAGGCATCAGGGTTGTTAGCATCGGCAC 240
QY      241  GTCAGCTGGGTCTGTCTACTATGAACTTAAACTGGCTGTCTGCTACGGCTGGGAGAGAA 300
DB      241  GTCAGCTGGGTCTGTCTACTATGAACTTAAACTGGCTGTCTGCTACGGCTGGGAGAGAA 300
QY      301  ACAGCAAGGAGCTCTGTGAAGTACATCGCAACCTGGATGTAAGTTTGGTGAAGTGG 360
DB      301  ACAGCAAGGAGCTCTGTGAAGTACATCGCAACCTGGATGTAAGTTTGGTGAAGTGG 360
QY      361  GACCAACAAATGCAAGTCTTCCAGGATACACCGGGAACCTGCGAGTCAAGATGGA 420
DB      361  GACCAACAAATGCAAGTCTTCCAGGATACACCGGGAACCTGCGAGTCAAGATGGA 420
QY      421  ATGAGTGTGGAATGAAGAACCCCGGCCATGCCAACACAGATGTGTGAATACACAGGAAGCT 480
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DB      421  ATGAGTGTGGAATGAAGAACCCCGGCCATGCCAACACAGATGTGTGAATACACAGGAAGCT 480
QY      481  ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTAACCTCTA 540
DB      481  ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTAACCTCTA 540
QY      541  GGACATGTGCCATGATAAACTGTCACTACAGTGTGGAAGACACAGAAAGAGGCGCACAGT 600
DB      541  GGACATGTGCCATGATAAACTGTCACTACAGTGTGGAAGACACAGAAAGAGGCGCACAGT 600
QY      601  GCTGTGTCTCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
DB      601  GCTGTGTCTCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
QY      661  ATGAATGTGCTCTGTGTAAAGTCACTGTCCCTTACAAATCGAAGATGTGTGAACACATTG 720
DB      661  ATGAATGTGCTCTGTGTAAAGTCACTGTCCCTTACAAATCGAAGATGTGTGAACACATTG 720
QY      721  GAAGCTACTACTGCAAAATGTCAATTTGGTTTGAATGCAATGCAATATATCAGTGGACGATG 780
DB      721  GAAGCTACTACTGCAAAATGTCAATTTGGTTTGAATGCAATGCAATATATCAGTGGACGATG 780
QY      781  ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
DB      781  ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
QY      841  GCTTCAATACCCAAAGGGTCTTCAAGTGAATGCAAGCAGGAGATATAAAGGCAATGGAC 900
DB      841  GCTTCAATACCCAAAGGGTCTTCAAGTGAATGCAAGCAGGAGATATAAAGGCAATGGAC 900
QY      901  TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAAGTCTCTCAGAGCAGCTGGTACCA 960
DB      901  TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAAGTCTCTCAGAGCAGCTGGTACCA 960
QY      961  TCNAAAGACAGATCAAGAAATGCTTCTGCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020
DB      961  TCNAAAGACAGATCAAGAAATGCTTCTGCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020
QY      1021  TTAATAATGTTTACCCAGAGACCCACAGGACTCTTACCCTTAAGGTAAGTCTTGACCCCT 1080
DB      1021  TTAATAATGTTTACCCAGAGACCCACAGGACTCTTACCCTTAAGGTAAGTCTTGACCCCT 1080
QY      1081  TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGTTAAAAAGGGAATG 1140
DB      1081  TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGTTAAAAAGGGAATG 1140
QY      1141  AAGGAAATGAAGAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
DB      1141  AAGGAAATGAAGAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
QY      1201  CATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260
DB      1201  CATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260
QY      1261  ATTGGGCTGATTTCTGTGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320
DB      1261  ATTGGGCTGATTTCTGTGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320
QY      1321  AAATATCTCGGTTGACTGCACTGCACTCAATCATGGATCTGTGACTGGAAACAGGATAGAG 1380
DB      1321  AAATATCTCGGTTGACTGCACTGCACTCAATCATGGATCTGTGACTGGAAACAGGATAGAG 1380
QY      1381  AGATGATTTTGAATGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGCACT 1440
DB      1381  AGATGATTTTGAATGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGCACT 1440
QY      1441  TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
DB      1441  TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
QY      1501  GCAACCCCAAGAGAACTTCTGTTTGTCTTTGATTTACCGCTGCGCGAGAGAGAGAGAG 1560
DB      1501  GCAACCCCAAGAGAACTTCTGTTTGTCTTTGATTTACCGCTGCGCGAGAGAGAGAGAG 1560
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1501	GC AACCCCAAAGCAACTCTCTGTTTGCTCTTTTGATTACCGGCTGCGCGGAGACAAAGTCGG	1560
1561	GAACCTTCGAGTGTGTTGTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGACCAAG	1620
1561	GAACCTTCGAGTGTGTTGTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGACCAAG	1620
1621	TGAGGATGAAAAGTGGGAAGACAGGGAAGAAATTCAGTTGTATCAAGCAACTGATGCTACCAA	1680
1621	TGAGGATGAAAAGTGGGAAGACAGGGAAGAAATTCAGTTGTATCAAGCAACTGATGCTACCAA	1680
1681	AAGCATCATTTTTTCAAGCAGACAGTGCAGAGGCGCAAAACCGCGGAAATTCGCAGTGGATGG	1740
1681	AAGCATCATTTTTTCAAGCAGACAGTGCAGAGGCGCAAAACCGCGGAAATTCGCAGTGGATGG	1740
1741	CGCTTCGCTTGTTTTCAGGCTATGATCCAGATAGCCCTTTTATCTGTGGATGACTCAATGTT	1800
1741	CGCTTCGCTTGTTTTCAGGCTATGATCCAGATAGCCCTTTTATCTGTGGATGACTCAATGTT	1800
1801	ACTATCTTTATATTTGACTTTGTATGTCAAGTTCCTCGTTTTTTTGATATTGCAATCATAG	1860
1801	ACTATCTTTATATTTGACTTTGTATGTCAAGTTCCTCGTTTTTTTGATATTGCAATCATAG	1860
1861	GACCTCTGGCATTTTGAATTAATAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT	1920
1861	GACCTCTGGCATTTTGAATTAATAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT	1920
1921	TGTAAGATGCCCTCTCTTGTTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT	1980
1921	TGTAAGATGCCCTCTCTTGTTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT	1980
1981	ATCTCTTCAGTCATTTCTGAATCTTTCCNCAATATATATAAAATNTGGAAANGTCAGTT	2040
1981	ATCTCTTCAGTCATTTCTGAATCTTTCCNCAATATATATAAAATNTGGAAANGTCAGTT	2040
2041	TATCTCCCTCCTCNGTATATCTGATTTGTAATGTAATGCTCATGCTGCTCTCTACAA	2100
2041	TATCTCCCTCCTCNGTATATCTGATTTGTAATGTAATGCTCATGCTGCTCTCTACAA	2100
2101	CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
2101	CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
2161	ACTTCTTGGAAACTATGACATCAAGATAGACATTTTGCTTAAGTGGCTTAGCTGGGCTT	2220
2161	ACTTCTTGGAAACTATGACATCAAGATAGACATTTTGCTTAAGTGGCTTAGCTGGGCTT	2220
2221	TCATAGCCAACTCTGTATATTTAAATCTTTTGTAAATAATAA	2260
2221	TCATAGCCAACTCTGTATATTTAAATCTTTTGTAAATAATAA	2260

RESULT 65

RESOL 93
US-10-165-247A-118

US 10165247A

; Publication No. US20030190321A1

; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

;
; AFFILIANT: Ferrara, Napoleone
; AFFILIANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: GRIMALDI, J. Christopher

APPLICANT: GUINEY, Austin L.

APPLICANT: GUINNEY, KENNETH J.
APPLICANT: HILLAN, KENNETH J.

APPLICANT: Klijavin. Ivar J.

```

1 // APPLICANT: Kuo, Sophia S.
2 // APPLICANT: Napier, Mary A.
3 // APPLICANT: Pan, James;
4 // APPLICANT: Paoni, Nicholas F.
5 // APPLICANT: Roy, Margaret Ann
6 // APPLICANT: Shelton, David L.
7 // APPLICANT: Stewart, Timothy A.
8 // APPLICANT: Tumas, Daniel
9 // APPLICANT: Williams, P. Mickey
10 // APPLICANT: Wood, William L.
11 // TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
12 // FILE OF INVENTION: Acids Encoding the Same
13 // FILE REFERENCE: P2630PIC41
14 // CURRENT APPLICATION NUMBER: US/10/165.247A
15 // CURRENT FILING DATE: 2001-10-19
16 // PRIOR APPLICATION NUMBER: 09/918585
17 // PRIOR FILING DATE: 2001-07-30
18 // PRIOR APPLICATION NUMBER: 60/062250
19 // PRIOR FILING DATE: 1997-10-17
20 // PRIOR APPLICATION NUMBER: 60/064249
21 // PRIOR FILING DATE: 1997-11-03
22 // PRIOR APPLICATION NUMBER: 60/065311
23 // PRIOR FILING DATE: 1997-11-13
24 // PRIOR APPLICATION NUMBER: 60/066364
25 // PRIOR FILING DATE: 1997-11-21
26 // PRIOR APPLICATION NUMBER: 60/077450
27 // PRIOR FILING DATE: 1998-03-10
28 // PRIOR APPLICATION NUMBER: 60/077632
29 // PRIOR FILING DATE: 1998-03-11
30 // PRIOR APPLICATION NUMBER: 60/077641
31 // PRIOR FILING DATE: 1998-03-11
32 // PRIOR APPLICATION NUMBER: 60/077649
33 // PRIOR FILING DATE: 1998-03-11
34 // PRIOR APPLICATION NUMBER: 60/077791
35 // PRIOR FILING DATE: 1998-03-12
36 // Remaining Prior Application data removed - See File Wrapper or PALM.
37 // NUMBER OF SEQ ID NOS: 624
38 // SEQ ID NO 118
39 // LENGTH: 2260
40 // TYPE: DNA
41 // ORGANISM: Homo sapiens
42 // FEATURES:
43 // NAME/KEY: unsure
44 // LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
45 // OTHER INFORMATION: unknown base
46 // US-10-165-247A-118

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U.S.-10-165-247A-118

301 ACAGCAAGGAGCTCTGTGAAGCTACATCGAACCTGGATGTAAGTTGGTGGTGGTGG 360
361 GACCAACCAATGCGAGATGCTTTCCAGGATACACCGGGAACCTGCACTCAAGATGGA 420
361 GACCAACCAATGCGAGATGCTTTCCAGGATACACCGGGAACCTGCACTCAAGATGGA 420
421 ATGAGTGTGAAGTGAACCCCGCCCATGCCAACACACAGATGTGTGAATACACCGGAAGCT 480
421 ATGAGTGTGAAGTGAACCCCGCCCATGCCAACACACAGATGTGTGAATACACCGGAAGCT 480
481 ACAGTGTGCTTGGCTCAGTGGGCAACATGCTCATGCCAGATGCTAGTGTGTAAGTCTTA 540
481 ACAGTGTGCTTGGCTCAGTGGGCAACATGCTCATGCCAGATGCTAGTGTGTAAGTCTTA 540
541 GCAATGTGCCATGATATAAATCTGTGAGTACAGTGTGTGAAGACACAGGAAGGCGCACAGT 600
541 GCAATGTGCCATGATATAAATCTGTGAGTACAGTGTGTGAAGACACAGGAAGGCGCACAGT 600
601 GCCTGTGCTCATCTCAGGACTCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCT 660
601 GCCTGTGCTCATCTCAGGACTCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCT 660
661 ATGAGTGTGCTTGGTAAAGTCACTGTGCTTCAATCGAATGCTGTGAACACATTTG 720
661 ATGAGTGTGCTTGGTAAAGTCACTGTGCTTCAATCGAATGCTGTGAACACATTTG 720
721 GAAGTACTACTGCAAAATGTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
721 GAAGTACTACTGCAAAATGTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
781 ACTGTATAGATATAAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTA 840
781 ACTGTATAGATATAAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTA 840
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900
901 TTCCGTTGCTTCTATCCCTGAAATCTGTGAGGAGGCTCTCAGAGCAGCTGTGATCCA 960
901 TTCCGTTGCTTCTATCCCTGAAATCTGTGAGGAGGCTCTCAGAGCAGCTGTGATCCA 960
961 TCAAGACAGAAATCAAGAAATGCTGCTCAAAAAACAGATGAAAGGAGGCAAAAA 1020
961 TCAAGACAGAAATCAAGAAATGCTGCTCAAAAAACAGATGAAAGGAGGCAAAAA 1020
1021 TTAAGATGTTACCCAGAACCCAGGACTCTCCTACCCCTAGGTGAACTTCAGGCTT 1080
1021 TTAAGATGTTACCCAGAACCCAGGACTCTCCTACCCCTAGGTGAACTTCAGGCTT 1080
1081 TCAACTATGAGAGATAGTCTTCCAGAGGCGGAACTCTCAATGAGGTAAGGAGGAAATG 1140
1081 TCAACTATGAGAGATAGTCTTCCAGAGGCGGAACTCTCAATGAGGTAAGGAGGAAATG 1140
1141 AAGAGAAATGAAGAGGCGCTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
1141 AAGAGAAATGAAGAGGCGCTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
1201 CATAGAGGAGGAGGCTGCGAGGAGATGCTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
1201 CATAGAGGAGGAGGCTGCGAGGAGATGCTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
1261 ATTGCGCTGATCTGCTGTCGAAGAGGCGTAACTTCCAACTGGAACATAAGATTT 1320
1261 ATTGCGCTGATCTGCTGTCGAAGAGGCGTAACTTCCAACTGGAACATAAGATTT 1320
1321 AAATATCTGGTGTGACTGAGGCTTCAATCATGAGGATCTGTGACTTGGAAACAGGATAGGA 1380
1321 AAATATCTGGTGTGACTGAGGCTTCAATCATGAGGATCTGTGACTTGGAAACAGGATAGGA 1380
1381 AGATGATTTTGAATGCAATCTGCTGATCGAGATATGCTATGCTTCTATATGCGAGT 1440
1381 AGATGATTTTGAATGCAATCTGCTGATCGAGATATGCTATGCTTCTATATGCGAGT 1440

1441 TCCGGCTTTGGCAGGTCAACAGAAAGACATTTGGCCGATTTGAAACTTCTCTTACCTGACCT 1500
1441 TCCGGCTTTGGCAGGTCAACAGAAAGACATTTGGCCGATTTGAAACTTCTCTTACCTGACCT 1500
1501 GCAACCCCAAGCAACTTCTGCTTCTTGTATACCGGCTGGCCGAGACAAAGTGG 1560
1501 GCAACCCCAAGCAACTTCTGCTTCTTGTATACCGGCTGGCCGAGACAAAGTGG 1560
1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAAACAATCCCTGGCATGGGAGAGACACAG 1620
1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAAACAATCCCTGGCATGGGAGAGACACAG 1620
1621 TGAGGATGAAGTGAAGACAGGAGAAATTCAGTGTATCAAGGAACTGATGCTACCAA 1680
1621 TGAGGATGAAGTGAAGACAGGAGAAATTCAGTGTATCAAGGAACTGATGCTACCAA 1680
1681 AAGCATCATTTTTGAAAGCAGAACGTGGCAAGGCGCAAAACCGGCGAAATCGCAGTGGATGG 1740
1681 AAGCATCATTTTTGAAAGCAGAACGTGGCAAGGCGCAAAACCGGCGAAATCGCAGTGGATGG 1740
1741 CGTCTTGTGTTTCAAGGCTTATGCCAGATAGCCCTTTTATCTGTGGATGACTGAATGT 1800
1741 CGTCTTGTGTTTCAAGGCTTATGCCAGATAGCCCTTTTATCTGTGGATGACTGAATGT 1800
1801 ACTATCTTTATATTTGACTTTGTATGTCTGAGTCCCTGGTTTTTTTGTATATTCATCATAG 1860
1801 ACTATCTTTATATTTGACTTTGTATGTCTGAGTCCCTGGTTTTTTTGTATATTCATCATAG 1860
1861 GACCTCGGCATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAAGAAATATTAT 1920
1861 GACCTCGGCATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAAGAAATATTAT 1920
1921 TGTAAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATCATCTGT 1980
1921 TGTAAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATCATCTGT 1980
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATTAATAATNTGGAANGTGAGT 2040
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATTAATAATNTGGAANGTGAGT 2040
2041 TATCTCCCTCCCTGCTGATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTACAA 2100
2041 TATCTCCCTCCCTGCTGATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTACAA 2100
2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
2161 ACTTCTTGGAACTATGACATCAAGATAGCTTTTGCCTAAGTGGCTTAGCTGGGTCTT 2220
2161 ACTTCTTGGAACTATGACATCAAGATAGCTTTTGCCTAAGTGGCTTAGCTGGGTCTT 2220
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTATATATAA 2260
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTATATATAA 2260

RESULT 66

US-10-145-124A-118

; Sequence 118, Application US/10145124A

; Publication No. US20030190701A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C44
CURRENT APPLICATION NUMBER: US/10/145,124A
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: 09/918595
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 118
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
US-10-145-124A-118
Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGTGGTCCGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGGAGCGGCG 60
DB 1 CGGACCGTGGTCCGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGGAGCGGCG 60
QY 61 GCTTAGCTGCTACCGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACCGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGA 120
QY 121 GGACCCGTCGAGAAATGCTCTGCCCTGGAGCCTTGGCTCCCGCTGCTCTCTCGG 180
DB 121 GGACCCGTCGAGAAATGCTCTGCCCTGGAGCCTTGGCTCCCGCTGCTCTCTCGG 180
QY 181 TGGCAGGTGTTTCGGGAACCGGGCCAGTCAAGGCATCACGGGTTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGTTTCGGGAACCGGGCCAGTCAAGGCATCACGGGTTGTTAGCATCGGCAC 240

QY 241 GTCAGCCTGGGGTCTGTCACTATGAACTAACTGGCTGTCTGTCTACGGCTGGAGAGAA 300
DB 241 GTCAGCCTGGGGTCTGTCACTATGAACTAACTGGCTGTCTGTCTACGGCTGGAGAGAA 300
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGTGATGTAGTTTGGTGGTGG 360
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGTGATGTAGTTTGGTGGTGG 360
QY 361 GACCAACCAATGAGATGCTTCCAGGATACACCGGGAACCTGCAAGTCAAGATGGA 420
DB 361 GACCAACCAATGAGATGCTTCCAGGATACACCGGGAACCTGCAAGTCAAGATGGA 420
QY 421 ATGAGTGTGGAATGAAACCCCGGCCATCCCAACACAGATGTGTGAATACACACGGAAGCT 480
DB 421 ATGAGTGTGGAATGAAACCCCGGCCATCCCAACACAGATGTGTGAATACACACGGAAGCT 480
QY 481 ACAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540
DB 481 ACAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540
QY 541 GGACATGTGCCATGATAAACTGTCTAGTACAGCTGTGAAGACACAGAAAGGGCCACAGT 600
DB 541 GGACATGTGCCATGATAAACTGTCTAGTACAGCTGTGAAGACACAGAAAGGGCCACAGT 600
QY 601 GCGTGTCTCATCTCAGGACTCCCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
DB 601 GCGTGTCTCATCTCAGGACTCCCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGTGTAAGTCACTCTGTCCCTACAATCGAAGATGTGTGAACCAATTG 720
DB 661 ATGAATGTGCTCTGTGTAAGTCACTCTGTCCCTACAATCGAAGATGTGTGAACCAATTG 720
QY 721 GAAGCTACTACTGCAAAATGTCATGTTTTCGAATCTGCAATATATCATGTGAGGAGATG 780
DB 721 GAAGCTACTACTGCAAAATGTCATGTTTTCGAATCTGCAATATATCATGTGAGGAGATG 780
QY 781 ACTGTATAGATATAAATGAATGTAATGATAGCATACTGTCAGGAGGAGTCTCAGAGCACCATT 840
DB 781 ACTGTATAGATATAAATGAATGTAATGATAGCATACTGTCAGGAGGAGTCTCAGAGCACCATT 840
QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGAC 900
DB 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGCAAGGAGTCTCAGAGCACCCTGTGTACCA 960
DB 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGCAAGGAGTCTCAGAGCACCCTGTGTACCA 960
QY 961 TCAAAGACAGAAATCAAAGAGTTGCTTGTCTCAAAAAACAGCATGAAAAGAGGCAAAA 1020
DB 961 TCAAAGACAGAAATCAAAGAGTTGCTTGTCTCAAAAAACAGCATGAAAAGAGGCAAAA 1020
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGACGCCCT 1080
DB 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGACGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTTCAGAGGGGGAACTCTCATGAGGTTAAAAAGGGAATG 1140
DB 1081 TCAACTATGAAGAGATAGTTTTCAGAGGGGGAACTCTCATGAGGTTAAAAAGGGAATG 1140
QY 1141 AAGGAAATCAAAAGAGGGGCTTCAGGATGAGAAACAGAGAGAGAACCCCTCAAGATGA 1200
DB 1141 AAGGAAATCAAAAGAGGGGCTTCAGGATGAGAAACAGAGAGAGAACCCCTCAAGATGA 1200
QY 1201 CATAGAGGAGGAGGCTTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
DB 1201 CATAGAGGAGGAGGCTTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTGGGCTGATTTCTGTTCCAAAGGAAAGCGCTTAACCTTCGAACCTGGAACATAAAGATT 1320
DB 1261 ATTGGGCTGATTTCTGTTCCAAAGGAAAGCGCTTAACCTTCGAACCTGGAACATAAAGATT 1320

Qy	1321	AAATATCTCGGTTGACTGAGAGCTTCAATCATGGGATCTGTGATCTGGAAACAGGATAGAGA	1380
Db	1321	AAATATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGATCTGGAAACAGGATAGAGA	1380
Qy	1381	AGATGATTTTGACTGGAACTCCTCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
Db	1381	AGATGATTTTGACTGGAACTCCTGTCGATCGAGATANTGCTATTGGCTTCTATATGGCAGT	1440
Qy	1441	TCGGGCTTTGGCAGGTCACAAGAAAGACATTGGCCGATTTGAAACTTCTCTACCTGACCT	1500
Db	1441	TCGGGCTTTGGCAGGTCACAAGAAAGACATTGGCCGATTTGAAACTTCTCTACCTGACCT	1500
Qy	1501	GCAACCCCAAGCAACTTCTGTTGCTTGTATTAACCGCTGGCCGGAGAGACAAAGTCGG	1560
Db	1501	GCAACCCCAAGCAACTTCTGTTGCTTGTATTAACCGCTGGCCGGAGAGACAAAGTCGG	1560
Qy	1561	GAACTTCGAGTGTTTGTGAAAAACAGTATAAATGCTGCGGATGGGAGAGACACACGAG	1620
Db	1561	GAACTTCGAGTGTTTGTGAAAAACAGTATAAATGCTGCGGATGGGAGAGACACACGAG	1620
Qy	1621	TGAGGATGAAAGTGGAAAGCAGGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA	1680
Db	1621	TGAGGATGAAAGTGGAAAGCAGGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA	1680
Qy	1681	AAGCATCATTTTGAAGCAGAAACGTGCAGAGGGCAAAACCGCGGAAATGCGAGTGATGG	1740
Db	1681	AAGCATCATTTTGAAGCAGAAACGTGCAGAGGGCAAAACCGCGGAAATGCGAGTGATGG	1740
Qy	1741	CGTCTTCGTTGTTTCAGGCTTATGTCGAGATAGCCTTTTATCTGTGATGACATGAATGTT	1800
Db	1741	CGTCTTCGTTGTTTCAGGCTTATGTCGAGATAGCCTTTTATCTGTGATGACATGAATGTT	1800
Qy	1801	ACTATCTTTATATTGACTTTGTATGTGAGTCCCTGGTTTTTTTGGATATGCAATCATAG	1860
Db	1801	ACTATCTTTATATTGACTTTGTATGTGAGTCCCTGGTTTTTTTGGATATGCAATCATAG	1860
Qy	1861	GACCTCTGGCATTTTGAATTTACTAGCTGAAATATCTAATGTACCAACAGAAATATTAT	1920
Db	1861	GACCTCTGGCATTTTGAATTTACTAGCTGAAATATCTAATGTACCAACAGAAATATTAT	1920
Qy	1921	TGTAAGATGCCTTCTTGTAAGAATATGCCAATATTGCTTTTAAATPATCATATCACTGT	1980
Db	1921	TGTAAGATGCCTTCTTGTAAGAATATGCCAATATTGCTTTTAAATPATCATATCACTGT	1980
Qy	1981	ATCTTCTCAGTCATTTCTGAATCTTCCGCAATTATATTAATAATNTGGAANGTCAGTT	2040
Db	1981	ATCTTCTCAGTCATTTCTGAATCTTCCNCATTATATATAAAATNTGGAANGTCAGTT	2040
Qy	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTCTACAA	2100
Db	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTCTACAA	2100
Qy	2101	CATTTCTAGAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Db	2101	CATTTCTAGAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Qy	2161	ACTTCTTGAAAACATGACATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT	2220
Db	2161	ACTTCTTGAAAACATGACATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT	2220
Qy	2221	TCATAGCCAAACTGTGATATATTTAAATCTTTGTGATATATAA	2260
Db	2221	TCATAGCCAAACTGTGATATATTTAAATCTTTGTGATATATAA	2260

RESULT 67

RESULT 67
US-10-160-502A-118

US-10-100-202A-118
; Sequence 118, Application US/10160502A

Publication No. US20030190703A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

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Query Match          99.7%; Score 2353; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Accession	Sequence	Length
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Db	1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGACGGCTGAGGAGAGAGAGAGCGCGC	60
Qy	61 GTTACTGCTCTACCGGCGTTCGCGCCGCGCGCCCTCCCGAGGGGGCTCAGGAGAGAGAGGA	120
Db	61 GTTACTGCTCTACGGGGTTCGCGCGCGCGCCCTCCCGAGGGGGCTCAGGAGAGAGAGGA	120

QY 121 GGACCGTGGGAAATGCTCTGCCCCTGGAGCCTTGGCTCCCGCTCTCTCTCTGGG 180
Db 121 GGACCGTGGGAAATGCTCTGCCCCTGGAGCCTTGGCTCCCGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTCTTTCGGGAAACGGCGCAGTGAAGGCAATCAGGGTGTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGGTCTTTCGGGAAACGGCGCAGTGAAGGCAATCAGGGTGTGTAGCATCGGCAC 240
QY 241 GTACGCTGGGTGTGTCTATATGAAATTAACATGGCCCTGTCTAGCGCTGGAGAA 300
Db 241 GTACGCTGGGTGTGTCTATATGAAATTAACATGGCCCTGTCTAGCGCTGGAGAA 300
QY 301 ACAGCAAGGGAGCTCTGTGAAGCTACATCGCAACCTGGAGTGAAGTGTGGTGGTGG 360
Db 301 ACAGCAAGGGAGCTCTGTGAAGCTACATCGCAACCTGGAGTGAAGTGTGGTGGTGG 360
QY 361 GACCAAAACAAATGCAAGTCTTTCAGGATACACCGGGAACCTGCAGTCAAGATGGA 420
Db 361 GACCAAAACAAATGCAAGTCTTTCAGGATACACCGGGAACCTGCAGTCAAGATGGA 420
QY 421 ATGAGTGTGGATGAACCCCGGCCATGCCAACAGATGTGAATACACACCGGAAGCT 480
Db 421 ATGAGTGTGGATGAACCCCGGCCATGCCAACAGATGTGAATACACACCGGAAGCT 480
QY 481 ACAAGTGTCTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACTCTA 540
Db 481 ACAAGTGTCTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACTCTA 540
QY 541 GGACATGTGCCATGATAAACTGTGATCAGTGTGAAGACACAGAACAGGGCCACAGT 600
Db 541 GGACATGTGCCATGATAAACTGTGATCAGTGTGAAGACACAGAACAGGGCCACAGT 600
QY 601 GCTGTGTGCATCCTCAGGACTCGGCTCGGCCCAAAATGGAAGAGACTGTCTAGATATG 660
Db 601 GCTGTGTGCATCCTCAGGACTCGGCTCGGCCCAAAATGGAAGAGACTGTCTAGATATG 660
QY 661 ATGAATGTGCTGTGTAAGTCACTGTCTCCCTCAATCGAGATGTGTGAACATTTG 720
Db 661 ATGAATGTGCTGTGTAAGTCACTGTCTCCCTCAATCGAGATGTGTGAACATTTG 720
QY 721 GAAGTACTACTGCAAAATGTCAATTTGTTTGGAACTGCAATATATCATGTGACGATG 780
Db 721 GAAGTACTACTGCAAAATGTCAATTTGTTTGGAACTGCAATATATCATGTGACGATG 780
QY 781 ACTGTATAGATATAAATGAATGTACTATGATGATGATGATGATGATGATGATGATG 840
Db 781 ACTGTATAGATATAAATGAATGTACTATGATGATGATGATGATGATGATGATGATG 840
QY 841 GCTTCATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
Db 841 GCTTCATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
QY 901 TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAATCTCTCAGAGCACTGTGATG 960
Db 901 TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAATCTCTCAGAGCACTGTGATG 960
QY 961 TCAAGACAGATCAAGAGTCTGCTGCTCACAAACACAGATGAAAAGAGAGGCAAAA 1020
Db 961 TCAAGACAGATCAAGAGTCTGCTGCTCACAAACACAGATGAAAAGAGAGGCAAAA 1020
QY 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTACCCCTTAAGGTGAATCTTCAGCCCT 1080
Db 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTACCCCTTAAGGTGAATCTTCAGCCCT 1080
QY 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAATCTCATGTGAGGTAAAAGGGAATG 1140
Db 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAATCTCATGTGAGGTAAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGGCTTGAAGGATGAGAAAGAGAGAGAGAGCCCTGAGGAATGA 1200
Db 1141 AAGAGAAATGAAGAGGGGCTTGAAGGATGAGAAAGAGAGAGAGAGCCCTGAGGAATGA 1200
QY 1201 CATAGAGGAGGAAAGCCTGGAGGAGATGTGTTTTCCCTTAAGGTGAATGAAGCAGGTGA 1260

RESULT 68

1201 CATAGAGGAGGAAAGCCTGGAGGAGATGTGTTTTCCCTTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTGGCCTGATTTCTGTGTCGAAGGAAGCGCTAACTCCCAACTGGAACATAAAGATTT 1320
Db 1261 ATTGGCCTGATTTCTGTGTCGAAGGAAGCGCTAACTTCRAAACTGGAACATAAAGATTT 1320
QY 1321 AAATATCTCGGTTGACCTGCAGCTTCAATCATGGGATCTGTGACTGGAAAACAGGATAGAGA 1380
Db 1321 AAATATCTCGGTTGACCTGCAGCTTCAATCATGGGATCTGTGACTGGAAAACAGGATAGAGA 1380
QY 1381 AGATGATTTGACTGGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTGACTGGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGCGCTTGGCAGTCAACAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500
Db 1441 TCCGCGCTTGGCAGTCAACAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTTCTGTTGATTAACGGCTGGCCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTTCTGTTGATTAACGGCTGGCCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTTCGAGTGTGTTGAAAACAGTAACAATGCCCTGGCATGGGAGAGAACACAGAG 1620
Db 1561 GAAACTTTCGAGTGTGTTGAAAACAGTAACAATGCCCTGGCATGGGAGAGAACACAGAG 1620
QY 1621 TGAGGATGAAAGTGGAAAGACAGGGAATAATTCATGTGATCAAGGAACTGATGTACCAA 1680
Db 1621 TGAGGATGAAAGTGGAAAGACAGGGAATAATTCAGTGTGATCAAGGAACTGATGTACCAA 1680
QY 1681 AAGCATCATTTTGAAGCAGAACGTTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAACGTTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
QY 1741 CGTCTTGTCTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGAATGATGAATGTT 1800
Db 1741 CGTCTTGTCTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGAATGATGAATGTT 1800
QY 1801 ACTATCTTATATTTGACTGTTGATGTCAGTCCAGATAGCCTTTTATCTGTGGAATGATGA 1860
Db 1801 ACTATCTTATATTTGACTGTTGATGTCAGTCCAGTCCCTGTTTTTTGATTTGATTCATAG 1860
QY 1861 GACCTCTGCAATTTTAGAATTTACTAGCTGAAAAAATTTAAATGTACCAACAGAAAATTTAT 1920
Db 1861 GACCTCTGCAATTTTAGAATTTACTAGCTGAAAAAATTTAAATGTACCAACAGAAAATTTAT 1920
QY 1921 TGTAAAGATGCTTCTGTGTAAGATATGCCAATATTTTCTTAAATATCATATCAGCTGT 1980
Db 1921 TGTAAAGATGCTTCTGTGTAAGATATGCCAATATTTTCTTAAATATCATATCAGCTGT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCAATTAATTAATAAAATNTGAAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCAATTAATTAATAAAATNTGAAAANGTCAGTT 2040
QY 2041 TATCTCCCTCTCTGATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCTCTGATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100
QY 2101 CATTTCTAGAAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
Db 2101 CATTTCTAGAAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
QY 2161 ACTTCTTGGAAACTATGACATCAAGATAGATTTTTTGGCTTAAGTGGCTTAGTGGGCTT 2220
Db 2161 ACTTCTTGGAAACTATGACATCAAGATAGATTTTTTGGCTTAAGTGGCTTAGTGGGCTT 2220
QY 2221 TCATAGGCAACCTGTGATATTTAAATCTTTTGTAAATAATAA 2260
Db 2221 TCATAGGCAACCTGTGATATTTAAATCTTTTGTGTAATAATAA 2260

Db 1081 TCACATATGAAGAGATAGTTTCAGAGCGGGAACCTCTCATGAGGTAAATAAAGGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGCGGCTTCAGATGAGAGAGAGAGAGAAAGCCCTCGAAGATGA 1200
Db 1141 AAGAGAAATGAAGAGCGGCTTCAGATGAGAGAGAGAGAGAAAGCCCTCGAAGATGA 1200
Qy 1201 CATAGAGAGCGAGAGCTCGAGGAGATGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAGAGCTCGAGGAGATGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Qy 1261 ATTCCGCGCTGATTCTCGTCCAAAGGAAAGCGCTAACTTCCAACTCGGAACATAAAGATTT 1320
Db 1261 ATTCCGCGCTGATTCTCGTCCAAAGGAAAGCGCTAACTTCCAACTCGGAACATAAAGATTT 1320
Qy 1321 AATATCTCGGTTGATCGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380
Db 1321 AATATCTCGGTTGATCGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380
Qy 1381 AGATGATTTTGAATGGAATCTGCTGATCGAGATGATGCTATTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATGGAATCTGCTGATCGAGATGATGCTATTGGCTTCTATATGGCAGT 1440
Qy 1441 TCCGCGCTTGGCAGGTCAAGAGAAACATATGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Db 1441 TCCGCGCTTGGCAGGTCAAGAGAAACATATGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTCTGATTAACCGCTGGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTCTGATTAACCGCTGGCGGAGACAAAGTCGG 1560
Qy 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCTGCGATGGGAGAGAACACAGAG 1620
Db 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCTGCGATGGGAGAGAACACAGAG 1620
Qy 1621 TGAGGATGAAAGTGGAGACAGGAAATTCAGTTGATCAAGAACTGATGCTTACCAA 1680
Db 1621 TGAGGATGAAAGTGGAGACAGGAAATTCAGTTGATCAAGAACTGATGCTTACCAA 1680
Qy 1681 AAGCATCATTTTTGAAGCAAGAGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTTGAAGCAAGAGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTCGCTGTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGAGGATGATGATTT 1800
Db 1741 CGTCTCGCTGTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGAGGATGATGATTT 1800
Qy 1801 ACTATCTTATATTTGATGATGTCAGTCCCTGGTTTTTTTTCATATTCATCATATG 1860
Db 1801 ACTATCTTATATTTGATGATGTCAGTCCCTGGTTTTTTTTCATATTCATCATATG 1860
Qy 1861 GACCTCTGGCAATTTAGATTTAGCTGAAATTTGTAATGATGACCAAGAGAAATTTAT 1920
Db 1861 GACCTCTGGCAATTTAGATTTAGCTGAAATTTGTAATGATGACCAAGAGAAATTTAT 1920
Qy 1921 TGTAAGATGCTTCTTGTATAGATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAGATGCTTCTTGTATAGATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCAATATATATAAATGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCAATATATAAATGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100
Qy 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTGATCTTTATGAT 2160
Db 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTGATCTTTATGAT 2160
Qy 2161 ACTTCTTGGAAACTATGACATCAAGTAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGGAAACTATGACATCAAGTAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220

Qy 2221 TCATAGCCAAACTTGTATATTTAAATTTCTTTGTATAATAATAA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAAATTTCTTTGTATAATAATAA 2260
RESULT 69
US-10-017-086A-118
; Sequence 118, Application US/10017086A
; Publication No. US20030194744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desroyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secretd and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C64
; CURRENT APPLICATION NUMBER: US/10/017,086A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-017-086A-118
Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGAGCGCTGGGTGCGAGTGGAGCGAGGAGGAGCGGCTGAGAGAGAGAGGCGGCG 60
Db 1 CGAGCGCTGGGTGCGAGTGGAGCGAGGAGGAGCGGCTGAGAGAGAGAGGCGGCG 60
Qy 61 GCTTAGCTGCTACGGGTCGGCGCGGCGCTCCGAGGGGGGCTCAGGAGGAGGAAGGA 120
Db 61 GCTTAGCTGCTACGGGTCGGCGCGGCGCTCCGAGGGGGGCTCAGGAGGAGGAAGGA 120
Qy 121 GGACCCCTGCGAGAAATGCTCTGCGCTGAGGCTTGGCGCTCCGCTGCTCTCTCTGG 180
Db 121 GGACCCCTGCGAGAAATGCTCTGCGCTGAGGCTTGGCGCTCCGCTGCTCTCTCTGG 180
Qy 181 TGGCAGGTGTTTCGGGAGCGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 240

Db 181 TGGCAGGTGGTTTCGGGAACGCGCCAGTCAGAGCATCACGGGTGTTAGCATCGGCAC 240
Qy 241 GTGAGCTGGGGTCTGTCACTATGGAATTAACCTGGCCCTGCTACGCTCGGAGAA 300
Db 241 GTGAGCTGGGGTCTGTCACTATGGAATTAACCTGGCCCTGCTACGCTCGGAGAA 300
Qy 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGAAGTCGGT 360
Db 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGAAGTCGGT 360
Qy 361 GACCAACCAATGACAGATGCTTTCCAGGATACACCGGGAAACCTGCAGTCAAGATGGA 420
Db 361 GACCAACCAATGACAGATGCTTTCCAGGATACACCGGGAAACCTGCAGTCAAGATGGA 420
Qy 421 ATGAGTGTGGAATGAACCCCGGCATGCGCAACACAGATGTGTGAATACACCGGAAGCT 480
Db 421 ATGAGTGTGGAATGAACCCCGGCATGCGCAACACAGATGTGTGAATACACCGGAAGCT 480
Qy 481 ACAAGTGTGTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGAATCTTA 540
Db 481 ACAAGTGTGTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGAATCTTA 540
Qy 541 GGACATGTGCATGATAAATCTGTGAGTACAGCTGTGAAGACACAGAAAGGCGCCACAGT 600
Db 541 GGACATGTGCATGATAAATCTGTGAGTACAGCTGTGAAGACACAGAAAGGCGCCACAGT 600
Qy 601 GCCTGTGTCATCTCAGGACTCGCGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCATCTCAGGACTCGCGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Qy 661 ATGAGTGTGCTGTGTAAGTCACTGTCCCTACAACTGAGATGTGGAACACATTTG 720
Db 661 ATGAGTGTGCTGTGTAAGTCACTGTCCCTACAACTGAGATGTGGAACACATTTG 720
Qy 721 GAAGTACTACTGCAAAATGTCACATGTTGTTGCAATGCAATATATCAGTGGACGATATG 780
Db 721 GAAGTACTACTGCAAAATGTCACATGTTGTTGCAATGCAATATATCAGTGGACGATATG 780
Qy 781 ACTGTATAGATATAATGAATGTACTATGATAGCCATAGTCAGCCACCATGCGCAATT 840
Db 781 ACTGTATAGATATAATGAATGTACTATGATAGCCATAGTCAGCCACCATGCGCAATT 840
Qy 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
Qy 901 TTCGGTGTCTGCTATCCCTGCAAAATCTGTGAGGAGTCTCAGAGCACCTGGTACCA 960
Db 901 TTCGGTGTCTGCTATCCCTGCAAAATCTGTGAGGAGTCTCAGAGCACCTGGTACCA 960
Qy 961 TCAGAGACAGAAATCAAGAAAGTTGCTGCTCACAAAAAACAGCATGAAAAAGAGGCAAAA 1020
Db 961 TCAGAGACAGAAATCAAGAAAGTTGCTGCTCACAAAAAACAGCATGAAAAAGAGGCAAAA 1020
Qy 1021 TTAAAAATGTTACCCAGAACCCACAGGACTCTACCCCTAGGTGAATCTCAGCCCT 1080
Db 1021 TTAAAAATGTTTACCCAGAACCCACAGGACTCTACCCCTAGGTGAATCTCAGCCCT 1080
Qy 1081 TCAGTATGAGAGATAGTTTCCAGAGCGGGAATCTCATGAGGTTAAAAAGGGAATG 1140
Db 1081 TCAGTATGAGAGATAGTTTCCAGAGCGGGAATCTCATGAGGTTAAAAAGGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGCTTGAAGTGAAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGTGAAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200
Qy 1201 CATAGAGGCGAAGCTCGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGGCGAAGCTCGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
Qy 1261 ATTGGCCTGATCTGTGTCGAAAGGAAAGCGCTAATCTTCCAAACTGGAAACATAAAGATT 1320
Db 1261 ATTGGCCTGATCTGTGTCGAAAGGAAAGCGCTAATCTTCCAAACTGGAAACATAAAGATT 1320

Qy 1321 AATATCTCGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
Db 1321 AATATCTCGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
Qy 1381 AGATGATTTGACTGGAATCTCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTGACTGGAATCTCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440
Qy 1441 TCCGGCTTGGCAGGTCACAAAGAAAGACATTCGGCCGATTTGAAACTTTCTTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCACAAAGAAAGACATTCGGCCGATTTGAAACTTTCTTACCTGACCT 1500
Qy 1501 GCAACCCCAAGAACCTTCTTGTGCTTCTTGTATTAACCGGCTGGCCGAGAGCAAAAGTCGG 1560
Db 1501 GCAACCCCAAGAACCTTCTTGTGCTTCTTGTATTAACCGGCTGGCCGAGAGCAAAAGTCGG 1560
Qy 1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAACAATCCCTGGCATGGGAGAGACCAACGAG 1620
Db 1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAACAATCCCTGGCATGGGAGAGACCAACGAG 1620
Qy 1621 TGAGGATGAAAAGTGAAGACAGGGGAAATTCAGTTGTATCAAGGAACTGTATGTCACAA 1680
Db 1621 TGAGGATGAAAAGTGAAGACAGGGGAAATTCAGTTGTATCAAGGAACTGTATGTCACAA 1680
Qy 1681 AAGCATCTTTTGAAGCAGAACGTCGGCAAGGCAAAACCCGCGAAATCGCAGTGTGATGG 1740
Db 1681 AAGCATCTTTTGAAGCAGAACGTCGGCAAGGCAAAACCCGCGAAATCGCAGTGTGATGG 1740
Qy 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATAGACCTTTTATCTGTGGATGACTGAATGTT 1800
Db 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATAGACCTTTTATCTGTGGATGACTGAATGTT 1800
Qy 1801 ACTATCTTTATATTTGACTTGTATGTCAGTTCCCTGGTGTGTTTGTATTTGCATCATAG 1860
Db 1801 ACTATCTTTATATTTGACTTGTATGTCAGTTCCCTGGTGTGTTTGTATTTGCATCATAG 1860
Qy 1861 GACCTCTGGCATTTTGAAGATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCATTTTGAAGATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Qy 1921 TGTAGATGCTTCTTGTATTAAGATATGCCATATTTGCTTTTAATATCATATCATCTGT 1980
Db 1921 TGTAGATGCTTCTTGTATTAAGATATGCCATATTTGCTTTAAATATCATATCATCTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATTTATATAAAAAATNTGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATTTATATAAAAAATNTGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100
Qy 2101 CATTTCTAGAAAAATAGAAAAAAGCACAGAAAAATGTTTAACTGTTTGCATCTTATGAT 2160
Db 2101 CATTTCTAGAAAAATAGAAAAAAGCACAGAAAAATGTTTAACTGTTTGCATCTTATGAT 2160
Qy 2161 ACTTCTTGGAAAACTATGACATCAAGAGATGATTTTGGCTTAAGTGGCTTAGTGGTCTT 2220
Db 2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGTGGTCTT 2220
Qy 2221 TCATAGCCAACTTGTATATTTTAACTTTTGTAAATATAA 2260
Db 2221 TCATAGCCAACTTGTATATTTTAACTTTTGTAAATATAA 2260

RESULT 70
US-10-164-829A-118
; Sequence 118, Application US/10164829A
; Publication No. US20030194780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.

APPLICANT:	Botstein, David	QY	121	GGACCCCTGCGAGAAATGCTCTGCTCCCTGGAGCCTTGGCGTCCCGCTGCTGCTCTCTCTGGG	180
APPLICANT:	Desnoyers, Luc	QY <th>121</th> <td>GGACCCCTGCGAGAAATGCTCTGCTCCCTGGAGCCTTGGCGTCCCGCTGCTGCTCTCTCTGGG</td> <th>180</th>	121	GGACCCCTGCGAGAAATGCTCTGCTCCCTGGAGCCTTGGCGTCCCGCTGCTGCTCTCTCTGGG	180
APPLICANT:	Eaton, Dan	QY <th>181</th> <td>TGGCAGGTGCTTTGGGAAACGCGGCCAGTGCAGGAGCATCAAGGCTTGTAGCATCGGCAC</td> <th>240</th>	181	TGGCAGGTGCTTTGGGAAACGCGGCCAGTGCAGGAGCATCAAGGCTTGTAGCATCGGCAC	240
APPLICANT:	Ferrara, Napoleon	QY <th>181</th> <td>TGGCAGGTGCTTTGGGAAACGCGGCCAGTGCAGGAGCATCAAGGCTTGTAGCATCGGCAC</td> <th>240</th>	181	TGGCAGGTGCTTTGGGAAACGCGGCCAGTGCAGGAGCATCAAGGCTTGTAGCATCGGCAC	240
APPLICANT:	Filvaroff, Ellen	QY <th>241</th> <td>GTGAGCCTGGGGTCTGTGCTATGGAACCTAACTGGGCTGCTGCTACGGCTGGAGAGAA</td> <th>300</th>	241	GTGAGCCTGGGGTCTGTGCTATGGAACCTAACTGGGCTGCTGCTACGGCTGGAGAGAA	300
APPLICANT:	Gao, Wei-Qiang	QY <th>301</th> <td>ACGCAAGGAGTCTGTGAAGCTACATGCGAACCTGCGATGTAAGTTTGTGTAGTGGTGG</td> <th>360</th>	301	ACGCAAGGAGTCTGTGAAGCTACATGCGAACCTGCGATGTAAGTTTGTGTAGTGGTGG	360
APPLICANT:	Gerber, Hanspeter	QY <th>301</th> <td>ACGCAAGGAGTCTGTGAAGCTACATGCGAACCTGCGATGTAAGTTTGTGTAGTGGTGG</td> <th>360</th>	301	ACGCAAGGAGTCTGTGAAGCTACATGCGAACCTGCGATGTAAGTTTGTGTAGTGGTGG	360
APPLICANT:	Gerritsen, Mary E.	QY <th>361</th> <td>GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCAAGTGAAGTGA</td> <th>420</th>	361	GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCAAGTGAAGTGA	420
APPLICANT:	Goddard, Audrey	QY <th>361</th> <td>GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCAAGTGAAGTGA</td> <th>420</th>	361	GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCAAGTGAAGTGA	420
APPLICANT:	Godowski, Paul J.	QY <th>421</th> <td>ATGAGTGTGGAATGGAACCCCGGCGCATGCGAACACAGATGTGTGAATACACACGGAAGCT</td> <th>480</th>	421	ATGAGTGTGGAATGGAACCCCGGCGCATGCGAACACAGATGTGTGAATACACACGGAAGCT	480
APPLICANT:	Grimaldi, J. Christopher	QY <th>421</th> <td>ATGAGTGTGGAATGGAACCCCGGCGCATGCGAACACAGATGTGTGAATACACACGGAAGCT</td> <th>480</th>	421	ATGAGTGTGGAATGGAACCCCGGCGCATGCGAACACAGATGTGTGAATACACACGGAAGCT	480
APPLICANT:	Gurney, Austin L.	QY <th>481</th> <td>ACAAAGTCTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGTGAACTCTA</td> <th>540</th>	481	ACAAAGTCTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGTGAACTCTA	540
APPLICANT:	Hillan, Kenneth J	QY <th>481</th> <td>ACAAAGTCTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGTGAACTCTA</td> <th>540</th>	481	ACAAAGTCTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGTGAACTCTA	540
APPLICANT:	Kljamin, Ivar J.	QY <th>541</th> <td>GGACATGTGCCATGATAAACTGTGCTAGTGTGAAGACACAGAGAAAGGCGCCACAGT</td> <th>600</th>	541	GGACATGTGCCATGATAAACTGTGCTAGTGTGAAGACACAGAGAAAGGCGCCACAGT	600
APPLICANT:	Kuo, Sophia S.	QY <th>541</th> <td>GGACATGTGCCATGATAAACTGTGCTAGTGTGAAGACACAGAGAAAGGCGCCACAGT</td> <th>600</th>	541	GGACATGTGCCATGATAAACTGTGCTAGTGTGAAGACACAGAGAAAGGCGCCACAGT	600
APPLICANT:	Napier, Mary A.	QY <th>601</th> <td>GCCTGTGTCATCTCAGGAGTCCGCTGCGCCCAAAATGGAAGAGACTGCTGTAGATATTG</td> <th>660</th>	601	GCCTGTGTCATCTCAGGAGTCCGCTGCGCCCAAAATGGAAGAGACTGCTGTAGATATTG	660
APPLICANT:	Pan, James	QY <th>601</th> <td>GCCTGTGTCATCTCAGGAGTCCGCTGCGCCCAAAATGGAAGAGACTGCTGTAGATATTG</td> <th>660</th>	601	GCCTGTGTCATCTCAGGAGTCCGCTGCGCCCAAAATGGAAGAGACTGCTGTAGATATTG	660
APPLICANT:	Pao, Nicholas F.	QY <th>661</th> <td>ATGAATGTGCTCTGTTAAAGTCAATCTGTCCTTACAAATCGAAGATGTGTGAACACATTTG</td> <th>720</th>	661	ATGAATGTGCTCTGTTAAAGTCAATCTGTCCTTACAAATCGAAGATGTGTGAACACATTTG	720
APPLICANT:	Roy, Margaret Ann	QY <th>661</th> <td>ATGAATGTGCTCTGTTAAAGTCAATCTGTCCTTACAAATCGAAGATGTGTGAACACATTTG</td> <th>720</th>	661	ATGAATGTGCTCTGTTAAAGTCAATCTGTCCTTACAAATCGAAGATGTGTGAACACATTTG	720
APPLICANT:	Shelton, David L.	QY <th>721</th> <td>GAAGTCTACTGCAATGTGCATTTGGTTTGGAACTGCAATCGAAGATGTGTGAACACATTTG</td> <th>780</th>	721	GAAGTCTACTGCAATGTGCATTTGGTTTGGAACTGCAATCGAAGATGTGTGAACACATTTG	780
APPLICANT:	Stewart, Timothy A.	QY <th>721</th> <td>GAAGTCTACTGCAATGTGCATTTGGTTTGGAACTGCAATCGAAGATGTGTGAACACATTTG</td> <th>780</th>	721	GAAGTCTACTGCAATGTGCATTTGGTTTGGAACTGCAATCGAAGATGTGTGAACACATTTG	780
APPLICANT:	Tumas, Daniel	QY <th>781</th> <td>ACTGTATAGATATAAAATGTAATGTACTATGATAGCCTACGTCGAGCCACCATGCAATT</td> <th>840</th>	781	ACTGTATAGATATAAAATGTAATGTACTATGATAGCCTACGTCGAGCCACCATGCAATT	840
APPLICANT:	Williams, P. Mickey	QY <th>781</th> <td>ACTGTATAGATATAAAATGTAATGTACTATGATAGCCTACGTCGAGCCACCATGCAATT</td> <th>840</th>	781	ACTGTATAGATATAAAATGTAATGTACTATGATAGCCTACGTCGAGCCACCATGCAATT	840
APPLICANT:	Wood, William I.	QY <th>841</th> <td>GCTTCAATGCCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGTAAAGGCAATGAGC</td> <th>900</th>	841	GCTTCAATGCCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGTAAAGGCAATGAGC	900
APPLICANT:		QY <th>841</th> <td>GCTTCAATGCCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGTAAAGGCAATGAGC</td> <th>900</th>	841	GCTTCAATGCCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGTAAAGGCAATGAGC	900
APPLICANT:		QY <th>901</th> <td>TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCAGCTGTGATCCA</td> <th>960</th>	901	TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCAGCTGTGATCCA	960
APPLICANT:		QY <th>901</th> <td>TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCAGCTGTGATCCA</td> <th>960</th>	901	TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCAGCTGTGATCCA	960
APPLICANT:		QY <th>961</th> <td>TCAAAGACAGAAATCAAGAGTGTGCTTCTCACAATAACAGCATGAAAGAGAGGCAAAA</td> <th>1020</th>	961	TCAAAGACAGAAATCAAGAGTGTGCTTCTCACAATAACAGCATGAAAGAGAGGCAAAA	1020
APPLICANT:		QY <th>961</th> <td>TCAAAGACAGAAATCAAGAGTGTGCTTCTCACAATAACAGCATGAAAGAGAGGCAAAA</td> <th>1020</th>	961	TCAAAGACAGAAATCAAGAGTGTGCTTCTCACAATAACAGCATGAAAGAGAGGCAAAA	1020
APPLICANT:		QY <th>1021</th> <td>TTAAAAATGTTTACCCAGAGAACCCACAGGAGTCTCTACCTCCCTTAAGGTGAATCTTGACCCCT</td> <th>1080</th>	1021	TTAAAAATGTTTACCCAGAGAACCCACAGGAGTCTCTACCTCCCTTAAGGTGAATCTTGACCCCT	1080
APPLICANT:		QY <th>1021</th> <td>TTAAAAATGTTTACCCAGAGAACCCACAGGAGTCTCTACCTCCCTTAAGGTGAATCTTGACCCCT</td> <th>1080</th>	1021	TTAAAAATGTTTACCCAGAGAACCCACAGGAGTCTCTACCTCCCTTAAGGTGAATCTTGACCCCT	1080
APPLICANT:		QY <th>1081</th> <td>TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGGAGGTAAAAAGGGAATG</td> <th>1140</th>	1081	TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGGAGGTAAAAAGGGAATG	1140
APPLICANT:		QY <th>1081</th> <td>TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGGAGGTAAAAAGGGAATG</td> <th>1140</th>	1081	TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGGAGGTAAAAAGGGAATG	1140
APPLICANT:		QY <th>1141</th> <td>AAGAGAAATGAAGAGGCGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG</td> <th>1200</th>	1141	AAGAGAAATGAAGAGGCGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG	1200
APPLICANT:		QY <th>1141</th> <td>AAGAGAAATGAAGAGGCGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG</td> <th>1200</th>	1141	AAGAGAAATGAAGAGGCGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG	1200

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J

APPLICANT: Kljamin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Pao, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC28

CURRENT APPLICATION NUMBER: US/10/164.829A

CURRENT FILING DATE: 2001-10-19

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 118

LENGTH: 2260

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: unsure

LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086

OTHER INFORMATION: unknown base

US-10-164-829A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCG

QY 1201 CATAGAGGCGAAGCCTCGCAGAGATGTGTTTTCCCTAAGTCAATCAAGCAGGTGA 1260
DB 1201 CATAGAGGCGAAGCCTCGCAGAGATGTGTTTTCCCTAAGTCAATCAAGCAGGTGA 1260
QY 1261 ATTGGGCTGATTTCTGCTCAAGGAAAGCGCTAACTTCCAACTGGAACATTAAGATTT 1320
DB 1261 ATTGGGCTGATTTCTGCTCAAGGAAAGCGCTAACTTCCAACTGGAACATTAAGATTT 1320
QY 1321 AAATATCTCGGTTGACTGCGACCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
DB 1321 AAATATCTCGGTTGACTGCGACCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
QY 1381 AGATGATTTTACCTGGAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGCGACT 1440
DB 1381 AGATGATTTTACCTGGAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGCGACT 1440
QY 1441 TCCGCGCTTGGCAGGTCAACAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500
DB 1441 TCCGCGCTTGGCAGGTCAACAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTTGGCTTTTGTATTCAGGCTGCGCGGAGACAAAGTCGG 1560
DB 1501 GCAACCCCAAGCAACTTCTGTTTGGCTTTTGTATTCAGGCTGCGCGGAGACAAAGTCGG 1560
QY 1561 GAACTCTGAGTGTGTTGAAAGAAACAGTAAACATGCTGCGCATGGGAGAAAGACCAAGAG 1620
DB 1561 GAACTCTGAGTGTGTTGAAAGAAACAGTAAACATGCTGCGCATGGGAGAAAGACCAAGAG 1620
QY 1621 TGAGATGAAAGTGGAAAGACAGGGAATAATTCAGTGTATCAAGGAACATGATCTACCAA 1680
DB 1621 TGAGATGAAAGTGGAAAGACAGGGAATAATTCAGTGTATCAAGGAACATGATCTACCAA 1680
QY 1681 AAGCATCATTTTGAAGCAGAACGTTGGCAAGGCAAAACCGGCAATTCAGTGTATGATGG 1740
DB 1681 AAGCATCATTTTGAAGCAGAACGTTGGCAAGGCAAAACCGGCAATTCAGTGTATGATGG 1740
QY 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATGAGCCTTTTATCTGTGGATGACTGAATGTT 1800
DB 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATGAGCCTTTTATCTGTGGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATTTGATTTGATGTCAGTTCCTCGTGTGTTTTTGTATTTGATTCATATAG 1860
DB 1801 ACTATCTTTATATTTGATTTGATGTCAGTTCCTCGTGTGTTTTTGTATTTGATTCATATAG 1860
QY 1861 GACCTCTGGCATTTTAGAAATTTAGCTGGAATAATTTGATTTACCAACAGAAATATTAT 1920
DB 1861 GACCTCTGGCATTTTAGAAATTTAGCTGGAATAATTTGATTTACCAACAGAAATATTAT 1920
QY 1921 TGTAGATGCTTCTGCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1980
DB 1921 TGTAGATGCTTCTGCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCATTATATTAATAAATGGAANGTCAGTT 2040
DB 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCATTATATTAATAAATGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCTCTGATATCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2100
DB 2041 TATCTCCCTCTCTGATATCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2100
QY 2101 CATTTCTAGAAAAATAGAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
DB 2101 CATTTCTAGAAAAATAGAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
DB 2161 ACTTCTTGAAACTATGATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
QY 2221 TCATAGCAAACTTGTATTTTAACTTTCTTCTGTAATAATA 2260
DB 2221 TCATAGCAAACTTGTATTTTAACTTTCTTCTGTAATAATA 2260

RESULT 71
US-10-164-929A-118
; Sequence 118, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C36
; CURRENT APPLICATION NUMBER: US/10/164,929A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-164-929A-118
Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGTGCGAGTGGAGCGGAGCCGAGCGGCTGAGAGAGAGCGCGG 60
Db 1 CGGACGGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGAGAGAGCGCGG 60
QY 61 GCTTAGTGTCTACGGGTGCGGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGAGGAAGA 120
Db 61 GCTTAGTGTCTACGGGTGCGGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGAGGAAGA 120
QY 121 GGAACCGTGGAGATGCTCTGCTGCTGAGCGCTTGGCGCTCCGCTGCTGCTCTCTGG 180
Db 121 GGAACCGTGGAGATGCTCTGCTGCTGAGCGCTTGGCGCTCCGCTGCTGCTCTCTGG 180
QY 181 TGGCAGGTGCTTTCGGGAAACGCGGCCAGTGCAGGCAATCAGCGGTTGTTAGCATCGGCAC 240
Db 181 TGGCAGGTGCTTTCGGGAAACGCGGCCAGTGCAGGCAATCAGCGGTTGTTAGCATCGGCAC 240
QY 241 GTCAAGCTGGGGTCTGTCACTATGGAATCTAACTGAGCTGCTGCTACGGCTGGAGAA 300
Db 241 GTCAAGCTGGGGTCTGTCACTATGGAATCTAACTGAGCTGCTGCTACGGCTGGAGAA 300
QY 301 ACAGCAAGGAGTCTGTGAAGTCTACATCGGAACCTGGATGAAGTTGGTGAAGTGGCTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGTCTACATCGGAACCTGGATGAAGTTGGTGAAGTGGCTGG 360
QY 361 GACCAAAACAAATGCAAGTCTTCCAGGATAACCGGGGAAAACCTGCAAGTGAAGTGA 420
Db 361 GACCAAAACAAATGCAAGTCTTCCAGGATAACCGGGGAAAACCTGCAAGTGAAGTGA 420
QY 421 ATGAGTGTGAATGAAACCCCGGCCATGCCAAACACAGATGTGTGAATACACACGGAAGCT 480
Db 421 ATGAGTGTGAATGAAACCCCGGCCATGCCAAACACAGATGTGTGAATACACACGGAAGCT 480
QY 481 ACAAGTGTTCGCTCAGTGGGCAATGCTCATGCGAGATGCTAGTGTGAAGTCTCTA 540
Db 481 ACAAGTGTTCGCTCAGTGGGCAATGCTCATGCGAGATGCTAGTGTGAAGTCTCTA 540
QY 541 GGACATGTGCATGATAAATCTGTGAGTACAGCTGCAAGCAAGAGAGGCGCACAGT 600
Db 541 GGACATGTGCATGATAAATCTGTGAGTACAGCTGCAAGCAAGAGAGGCGCACAGT 600
QY 601 GCCTGTTCATCTCAGGACTCGGCTCGGCTCGGCTCGGCTCGGCTCGGCTCGGCTCGG 660
Db 601 GCCTGTTCATCTCAGGACTCGGCTCGGCTCGGCTCGGCTCGGCTCGGCTCGGCTCGG 660
QY 661 ATGAATGTGCTGTAAGTCAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
Db 661 ATGAATGTGCTGTAAGTCAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
QY 721 GAAGCTACTACTGCAAAATGTCACATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
Db 721 GAAGCTACTACTGCAAAATGTCACATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
QY 781 ACTGTATAGATATAAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
Db 781 ACTGTATAGATATAAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
QY 841 GCTTCAATACCCAGGCTCCTCAAGTGTAAATGCAAGCGGATATAAGGCAATGGAC 900
Db 841 GCTTCAATACCCAGGCTCCTCAAGTGTAAATGCAAGCGGATATAAGGCAATGGAC 900
QY 901 TTGGGTGCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTGAGCACTGTGTAACA 960
Db 901 TTGGGTGCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTGAGCACTGTGTAACA 960
QY 961 TCAAGACAGAAATCAAGAAAGTGTGCTGCTCAAAAACAGCATGAAAAGAGGCAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAAGTGTGCTGCTCAAAAACAGCATGAAAAGAGGCAAAA 1020
QY 1021 TTAATAATGTTACCCAGAAACCCACAGGACTCTTACCCCTAAGGTGAATCTGCGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAAACCCACAGGACTCTTACCCCTAAGGTGAATCTGCGCCCT 1080
QY 1081 TCAACTATAGAGATAGTTTCCAGAGCGGGAACTCTCATGGAGGTAAAAAGGAATG 1140

Db 1081 TCAACTATAGAGATAGTTTCCAGAGCGGGAACTCTCATGGAGGTAAAAAGGAATG 1140
QY 1141 AAGAGAAATGAAAGAGGGGCTTGAAGTGAAGAAAGAGAGAGAAAGCCCTGGAAGATGA 1200
Db 1141 AAGAGAAATGAAAGAGGGGCTTGAAGTGAAGAAAGAGAGAGAAAGCCCTGGAAGATGA 1200
QY 1201 CATAGAGAGCGAAGCGCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAAGCGCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAGATTT 1320
Db 1261 ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAGATTT 1320
QY 1321 AATATCTCGGTGATGCTGAGCTTCAATCATGGAATCTGTGACTGGAACAGGATAGAGA 1380
Db 1321 AATATCTCGGTGATGCTGAGCTTCAATCATGGAATCTGTGACTGGAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAATCTGCTGCTGATCGAGATTAATCTATTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATCTGCTGCTGATCGAGATTAATCTATTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGGCTTGGCGAGTCAAGAAAGACATTTGGCCGATGAAAACCTTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCGAGTCAAGAAAGACATTTGGCCGATGAAAACCTTCTCTACCTGACCT 1500
QY 1501 GCACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGCGAGACAAAGTCGG 1560
Db 1501 GCACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGCGAGACAAAGTCGG 1560
QY 1561 GAAACTTCAGTGTGTTGTGAAAAACAGTAAACATCCCTGCGCATGGAGAGAGACACAG 1620
Db 1561 GAAACTTCAGTGTGTTGTGAAAAACAGTAAACATCCCTGCGCATGGAGAGAGACACAG 1620
QY 1621 TGAGGATGAAAAGTGGAGACAGGAGAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
Db 1621 TGAGGATGAAAAGTGGAGACAGGAGAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
QY 1681 AAGCATCAATTTTGAAGCAGAACGTTGGCAAGGCGAAAAACCGGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAACGTTGGCAAGGCGAAAAACCGGCGAAATCGCAGTGGATGG 1740
QY 1741 CGTCTGCTGTTTCAAGGCTTATGCTCCAGATAGCTTTTATCTGTGGATGACTGAATGTT 1800
Db 1741 CGTCTGCTGTTTCAAGGCTTATGCTCCAGATAGCTTTTATCTGTGGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTTGTATGTCAAGTCCCTGCTGTTTTTTTGAATTTGCAATC 1860
Db 1801 ACTATCTTTATATTTGACTTTTGTATGTCAAGTCCCTGCTGTTTTTTTGAATTTGCAATC 1860
QY 1861 GACCTCTGCAATTTTGAATTTTGAATTTTGAATTTTGAATTTTGAATTTTGAATTTTGA 1920
Db 1861 GACCTCTGCAATTTTGAATTTTGAATTTTGAATTTTGAATTTTGAATTTTGAATTTTGA 1920
QY 1921 TGTAAAGATGCTTTCTGTTATGAATATGCAATATTTGCTTTAAATATCATACCTGTT 1980
Db 1921 TGTAAAGATGCTTTCTGTTATGAATATGCAATATTTGCTTTAAATATCATACCTGTT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCATATATATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCATATATATATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCTCTCNGTATATCTGATTTTGTATANGTANGTANGTANGTANGTANGTANG 2100
Db 2041 TATCTCCCTCTCTCNGTATATCTGATTTTGTATANGTANGTANGTANGTANGTANGTANG 2100
QY 2101 CATTTCTAGAAAATAGAAAAAAGCAAGAGAAATGTTAACTGTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAAGCAAGAGAAATGTTAACTGTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGAAGAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGTGGGCTCTT 2220

Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCCTAAGTGGCTTAGCTGGTCTT 2220
QY 2221 TCATAGCCAACTGTATATTATTTCTTTGTAAATAA 2260
Db 2221 TCATAGCCAACTGTATATTATTTCTTTGTAAATAA 2260

RESULT 72
US-10-013-922A-118
; Sequence 118, Application US/10013922A
; Publication No. US20030195345A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC81
; CURRENT APPLICATION NUMBER: US/10/013,922A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939

; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27

[illegible]

Db 1141 AAGAGAAATGAAGAGGGCTTTCAGGATGAGAAAGAGAGAAAGCCCTGAGATGA 1200
Qy 1201 CATAGAGAGCGAGAGCGCTCGGAGAGATGTGTTTCCCTAAGTGAATGAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAGAGCGCTCGGAGAGATGTGTTTCCCTAAGTGAATGAGCAGGTGA 1260
Qy 1261 ATTTCGGCTGATTCTGCTGCAAGAGAAAGCGCTAACTTCCAACTGGAAACATAAAGATT 1320
Db 1261 ATTTCGGCTGATTCTGCTGCAAGAGAAAGCGCTAACTTCCAACTGGAAACATAAAGATT 1320
Qy 1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGATCGGAAACAGGATGAGA 1380
Db 1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGATCGGAAACAGGATGAGA 1380
Qy 1381 AGATGATTGTTGATCGAACTCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTGTTGATCGAACTCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440
Qy 1441 TCCGGCTTGGCAGGTGCAAGAGAAACATTTGGCGGATGAAACTTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTGCAAGAGAAACATTTGGCGGATGAAACTTCTCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTTCTGTTGCTGCTTTCATACCGCTGGCGGAGCAAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTGCTGCTTTCATACCGCTGGCGGAGCAAAAGTCGG 1560
Qy 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCTGCGATGGGAGAAACACAGAG 1620
Db 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCTGCGATGGGAGAAACACAGAG 1620
Qy 1621 TGAGGATGAAAGTGAAGAGCAGGAAATTCAGTTGATATCAAGGAACATGATGCTACCA 1680
Db 1621 TGAGGATGAAAGTGAAGAGCAGGAAATTCAGTTGATATCAAGGAACATGATGCTACCA 1680
Qy 1681 AAGCATCATTTTGAAGAGCAAGCTGGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGAGCAAGCTGGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTGCTGTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGATGATGAT 1800
Db 1741 CGTCTGCTGTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGATGATGATGAT 1800
Qy 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCTGCTGTTTTTTGATATTCATCATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCTGCTGTTTTTTGATATTCATCATAG 1860
Qy 1861 GACCTCTGGCAATTTAGAAATTAAGTGAATAATGTAATGTAACCAAGAAATATTAT 1920
Db 1861 GACCTCTGGCAATTTAGAAATTAAGTGAATAATGTAATGTAACCAAGAAATATTAT 1920
Qy 1921 TGTAAGATGCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAGATGCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCAATTAATTAATAATGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCAATTAATTAATAATGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCTCNGTATATCTGATTTGATANGTANGTANGTCTCTCTACAA 2100
Db 2041 TATCTCCCTCTCNGTATATCTGATTTGATANGTANGTANGTCTCTCTACAA 2100
Qy 2101 CATTTCTAGAAATPAGAAAAAGCAAGAGAAATGTTTAACTGTTTGAATGAT 2160
Db 2101 CATTTCTAGAAATPAGAAAAAGCAAGAGAAATGTTTAACTGTTTGAATGAT 2160
Qy 2161 ACTTCTTGAACATTCAGCATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGAACATTCAGCATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCAAACTTGTATATTATTTCTTTGTAATAATA 2260
Db 2221 TCATAGCAAACTTGTATATTATTTCTTTGTAATAATA 2260

RESULT 73

US-10-020-445A-118
; Sequence 118, Application US/10020445A
; Publication No. US20030198994A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Giang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC74
; CURRENT APPLICATION NUMBER: US/10/020,445A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR APPLICATION NUMBER: 60/077649
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; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26

1 PRIOR APPLICATION NUMBER: 60/079664
2 PRIOR FILING DATE: 1998-03-27
3 PRIOR APPLICATION NUMBER: 60/079689
4 PRIOR FILING DATE: 1998-03-27
5 PRIOR APPLICATION NUMBER: 60/079663
6 PRIOR FILING DATE: 1998-03-27
7 PRIOR APPLICATION NUMBER: 60/079728
8 PRIOR FILING DATE: 1998-03-27
9 PRIOR APPLICATION NUMBER: 60/079786
10 PRIOR FILING DATE: 1998-03-27
11 PRIOR APPLICATION NUMBER: 60/079920
12 PRIOR FILING DATE: 1998-03-30
13 PRIOR APPLICATION NUMBER: 60/079923
14 PRIOR FILING DATE: 1998-03-30
15 PRIOR APPLICATION NUMBER: 60/080105
16 PRIOR FILING DATE: 1998-03-31
17 PRIOR APPLICATION NUMBER: 60/080107
18 PRIOR FILING DATE: 1998-03-31
19 PRIOR APPLICATION NUMBER: 60/080165
20 PRIOR FILING DATE: 1998-03-31
21 PRIOR APPLICATION NUMBER: 60/080194
22 PRIOR FILING DATE: 1998-03-31
23 PRIOR APPLICATION NUMBER: 60/080327
24 PRIOR FILING DATE: 1998-04-01
25 PRIOR APPLICATION NUMBER: 60/080328
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27 PRIOR APPLICATION NUMBER: 60/080333
28 PRIOR FILING DATE: 1998-04-01
29 PRIOR APPLICATION NUMBER: 60/080334
30 PRIOR FILING DATE: 1998-04-01
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33 PRIOR APPLICATION NUMBER: 60/081049
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35 PRIOR APPLICATION NUMBER: 60/081071
36 PRIOR FILING DATE: 1998-04-08
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65 PRIOR APPLICATION NUMBER: 60/082796
66 PRIOR FILING DATE: 1998-04-23
67 PRIOR APPLICATION NUMBER: 60/083336
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70 PRIOR FILING DATE: 1998-04-28
71 PRIOR APPLICATION NUMBER: 60/083392
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73 PRIOR APPLICATION NUMBER: 60/083495

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99 PRIOR APPLICATION NUMBER: 60/084639
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101 PRIOR APPLICATION NUMBER: 60/084640
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105 PRIOR APPLICATION NUMBER: 60/084600
106 PRIOR FILING DATE: 1998-05-07
107 PRIOR APPLICATION NUMBER: 60/084627
108 PRIOR FILING DATE: 1998-05-07
109 PRIOR APPLICATION NUMBER: 60/084643
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113 PRIOR APPLICATION NUMBER: 60/085338
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115 PRIOR APPLICATION NUMBER: 60/085323
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117 PRIOR APPLICATION NUMBER: 60/085582
118 PRIOR FILING DATE: 1998-05-15
119 PRIOR APPLICATION NUMBER: 60/085700
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121 PRIOR APPLICATION NUMBER: 60/085689
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123 PRIOR APPLICATION NUMBER: 60/085579
124 PRIOR FILING DATE: 1998-05-15
125 PRIOR APPLICATION NUMBER: 60/085580
126 PRIOR FILING DATE: 1998-05-15
127 PRIOR APPLICATION NUMBER: 60/085573
128 PRIOR FILING DATE: 1998-05-15
129 PRIOR APPLICATION NUMBER: 60/085704
130 PRIOR FILING DATE: 1998-05-15
131 PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 15; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGGAGGAGGCGGCG 60

DB 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGGAGGAGGCGGCG 60

QY 61 GCTTAGCTGCTACGGGGTCCGGCCCGGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGA 120

DB 61 GCTTAGCTGCTACGGGGTCCGGCCCGGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGA 120

QY 121 GGACCGCTCGGAGAAATGCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTGGG 180

Db 121 GGACCCGTCGAGAAATGCTCTGCTCCCTGGAGCCTTGCGCTCCCGTGTCTCTCTCTGGG 180
Qy 181 TGGCAGGTGCTTTTCGGGAACCGCGCCAGTGCAGGCAATCA CGGGTGTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGCTTTTCGGGAACCGCGCCAGTGCAGGCAATCA CGGGTGTGTAGCATCGGCAC 240
Qy 241 GTGAGCCTCGGGTCTGTCACTATGGAATCACTGAACTGACCTGCTGCTACCGCTGGAGAGAA 300
Db 241 GTGAGCCTCGGGTCTGTCACTATGGAATCACTGAACTGACCTGCTGCTACCGCTGGAGAGAA 300
Qy 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACTCGATGTAAGTTTGTGTAGTCCGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACTCGATGTAAGTTTGTGTAGTCCGTGG 360
Qy 361 GACCAACAAATGCGAGTGTCTTCAGGATACACCGGGAACCTGCGAGTCAAGATGTGA 420
Db 361 GACCAACAAATGCGAGTGTCTTCAGGATACACCGGGAACCTGCGAGTCAAGATGTGA 420
Qy 421 ATGAGTGTGGAATGAAACCGCGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480
Db 421 ATGAGTGTGGAATGAAACCGCGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480
Qy 481 ACAAGTCTTTTGGCTCAGTGGGCAATGCTCATGTCAGATGCTAGTGTGTGAATCTCTA 540
Db 481 ACAAGTCTTTTGGCTCAGTGGGCAATGCTCATGTCAGATGCTAGTGTGTGAATCTCTA 540
Qy 541 GGACATGTGCCATGATAAATGTCAGTACAGCTGTGAGACACAGAGAAAGGCCACAGT 600
Db 541 GGACATGTGCCATGATAAATGTCAGTACAGCTGTGAGACACAGAGAAAGGCCACAGT 600
Qy 601 GCCTGTGTCCATCTCAGGACTCGCGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCCATCTCAGGACTCGCGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Qy 661 ATGAAATGCTCTGTTAAAGTCACTGTCCTGCTACCAATGGAAGATGTGTGAACATATTG 720
Db 661 ATGAAATGCTCTGTTAAAGTCACTGTCCTGCTACCAATGGAAGATGTGTGAACATATTG 720
Qy 721 GAAGTACTACTGCAAAATGTCAATGCTGTTTCGAATGCAATATATCAGTGGACGATATG 780
Db 721 GAAGTACTACTGCAAAATGTCAATGCTGTTTCGAATGCAATATATCAGTGGACGATATG 780
Qy 781 ACTGTATAGATATAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
Db 781 ACTGTATAGATATAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
Qy 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
Db 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900
Qy 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGGAAGGAGTCTCAGACGACCTGTGTACCA 960
Db 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGGAAGGAGTCTCAGACGACCTGTGTGTACCA 960
Qy 961 TCAAGACAGAAATCAAGAAATGCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 1020
Db 961 TCAAGACAGAAATCAAGAAATGCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 1020
Qy 1021 TTAAAAATGTTACCCAGAACCCAGGACTCTACCCCTAAGGTGAATCTGCGCCCT 1080
Db 1021 TTAAAAATGTTACCCAGAACCCAGGACTCTACCCCTAAGGTGAATCTGCGCCCT 1080
Qy 1081 TCAACTATGAGAGATAGTTCAGAGCGGGAATCTCTCATGAGGTGTAAGGGAATG 1140
Db 1081 TCAACTATGAGAGATAGTTCAGAGCGGGAATCTCTCATGAGGTGTAAGGGAATG 1140
Qy 1141 AAGAGAAATGAAAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGGAAGATGA 1200
Db 1141 AAGAGAAATGAAAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGGAAGATGA 1200
Qy 1201 CATAGAGGACCAAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGGACCAAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260

Qy 1261 ATTCCGCTGATTTCTGGTCCAAAGAAAGCGCTAACTTCCAAAATGGAAACATAAAGATTT 1320
Db 1261 ATTCCGCTGATTTCTGGTCCAAAGAAAGCGCTAACTTCCAAAATGGAAACATAAAGATTT 1320
Qy 1321 AAATATCTCGGTTGACTGCGACTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380
Db 1321 AAATATCTCGGTTGACTGCGACTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380
Qy 1381 AGATGATTTTGAATCTGCTGATGCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATCTGCTGATGCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440
Qy 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Qy 1501 GCAACCCCAAGCACTTCTGTTTGTGATTAACCGCTGCGCGAGACAAGTCGG 1560
Db 1501 GCAACCCCAAGCACTTCTGTTTGTGATTAACCGCTGCGCGAGACAAGTCGG 1560
Qy 1561 GAACTTCCAGTGTGTTGTAAGAAACAGTAACCAATCCCTGGCATGGGAGAGAACCCAG 1620
Db 1561 GAACTTCCAGTGTGTTGTAAGAAACAGTAACCAATCCCTGGCATGGGAGAGAACCCAG 1620
Qy 1621 TGAGGATGAAAAGTGGAGACAGGGGAAAATTCAGTTGTATCAAGGAACTGATCTACCA 1680
Db 1621 TGAGGATGAAAAGTGGAGACAGGGGAAAATTCAGTTGTATCAAGGAACTGATCTACCA 1680
Qy 1681 AAGCATCTTTTGAAGCAGAACGTCGCAAGGCAAAACCGCGGAAATCGCAGTCGATGG 1740
Db 1681 AAGCATCTTTTGAAGCAGAACGTCGCAAGGCAAAACCGCGGAAATCGCAGTCGATGG 1740
Qy 1741 CGTCTTGTCTTGTGTTTCCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATGAT 1800
Db 1741 CGTCTTGTCTTGTGTTTCCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATGAT 1800
Qy 1801 ACTATCTTATATTTGACTTGTGATGTCAGTTCCCTGCTGTTTTTTTGTATGATGATCATAG 1860
Db 1801 ACTATCTTATATTTGACTTGTGATGTCAGTTCCCTGCTGTTTTTTTGTATGATGATCATAG 1860
Qy 1861 GACCTCTGCAATTTTGAATTTACTAGCTGAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGCAATTTTGAATTTACTAGCTGAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Qy 1921 TGTAGATGCTCTTCTGTATAGATATGCCAATTTTGTCTTTTAAATATCATCATCATGT 1980
Db 1921 TGTAGATGCTCTTCTGTATAGATATGCCAATTTTGTCTTTTAAATATCATCATCATGT 1980
Qy 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAAATNTGAAANGTCAGT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAAATNTGAAANGTCAGT 2040
Qy 2041 TATCTCCCTCCCTGCTGATATCTGATTTGTATANGTANGTGTGATGCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTGCTGATATCTGATTTGTATANGTANGTGTGATGCTCTCTACAA 2100
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Db 2101 CATTTCTAGAAAATAGAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
Qy 2161 ACTTCTTGGAAAATAGCAATCAAGAGATGATTTTGGCTTAAAGTGGCTTAGTGGGCTT 2220
Db 2161 ACTTCTTGGAAAATAGCAATCAAGAGATGATTTTGGCTTAAAGTGGCTTAGTGGGCTT 2220
Qy 2221 TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATAATAA 2260
Db 2221 TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATAATAA 2260

RESULT 74
US-10-013-924A-118
; Sequence 118, Application US/10013924A

Publication No. US20030199021A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC76
CURRENT APPLICATION NUMBER: US/10/013,924A
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 118
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
US-10-013-924A-118
Query Match 99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGTGGTCCGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGAGAGCGCGG 60
DB 1 CGGACGGTGGTCCGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGAGAGCGCGG 60

QY 61 GCTTAGCTGCTACCGGGTCCGGGCTCCGGGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACCGGGTCCGGGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGA 120
QY 121 GGACCCGTGGCAGAAATGCTCTGCGCTGGAGCCCTTGGCTCCCGCTCCCGCTGCTCTCTCTGGG 180
DB 121 GGACCCGTGGCAGAAATGCTCTGCGCTGGAGCCCTTGGCTCCCGCTGCTCTCTCTGGG 180
QY 181 TGGCAGGTGGTTTCGGGAAACCGCGCCAGTGCAGAGCATCACGGGTTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTCGGGAAACCGCGCCAGTGCAGAGCATCACGGGTTGTTAGCATCGGCAC 240
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QY 481 ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGTAACCTTA 540
DB 481 ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGTAACCTTA 540
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DB 541 GGACATGTGCCATGATAAAGTGTGAGTACAGTGTGAGACACAGAGAAAGGGCCACAGT 600
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DB 601 GCCTGTGTCATCTCAGACATCCCGCTGGCCCAAAATGGAAGAGCTGTCTAGATATTG 660
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DB 661 ATGAATGTGCTCTGTTAAAGTCAATCTCTCCCTACAATCGAAGATGTGTGAACACATTG 720
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DB 721 GAAGCTACTGTCGAAATGTGCAATGTTTGGAACTGCAATATATCAGTGGAGCATATG 780
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DB 781 ACTGTATAGATATAAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
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DB 841 GCTTCAATCCCAAGGGTCTTCAAGTGAATGCAAGCAGGAGTATTAAGGCAATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAAGTCTCAGAGCAGCTGTGTACCA 960
DB 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAAGTCTCAGAGCAGCTGTGTACCA 960
QY 961 TCAAAGACAGAAATCAAGAAAGTGTGCTCACAATAAAGAGGAGGAGGAGGAGGAGGAGG 1020
DB 961 TCAAAGACAGAAATCAAGAAAGTGTGCTCACAATAAAGAGGAGGAGGAGGAGGAGGAGG 1020
QY 1021 TTAATAATGTTACCCAGAAACCCAGGAGTCTTACCCCTAAGGTGAATTTGACAGCCCT 1080
DB 1021 TTAATAATGTTACCCAGAAACCCAGGAGTCTTACCCCTAAGGTGAATTTGACAGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGAACTCTCATGAGGTAATAAAGGAGATG 1140
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGAACTCTCATGAGGTAATAAAGGAGATG 1140

241	QY	GTACGCTGGGCTCTGTCTACTATAGGAATAA	ACTGGCTGCTGCTACGCGTGGAGAAGAA	300
241	Db	GTACGCTGGGCTCTGTCTACTATAGGAATAA	ACTGGCTGCTGCTACGCGTGGAGAAGAA	300
301	QY	ACAGCAAGGAGCTCTGTGAAGCTACATGCAACCTGGATGAAGTTTGGTGAGTGCCTGG	360	
301	Db	ACAGCAAGGAGCTCTGTGAAGCTACATGCAACCTGGATGAAGTTTGGTGAGTGCCTGG	360	
361	QY	GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGAAAACTTCGAGTCAAGATGGA	420	
361	Db	GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGAAAACTTCGAGTCAAGATGGA	420	
421	QY	ATGAGTGTGGATGAAGACCCCGGCCATGCCACACAGATGCTGTGAATACACACGAAGCT	480	
421	Db	ATGAGTGTGGATGAAGACCCCGGCCATGCCACACAGATGCTGTGAATACACACGAAGCT	480	
481	QY	ACAAGTGTCTTTGGCTTCAGTGGCCACATGCTCATGCCAGATCTACGTGTGTGAATCTTA	540	
481	Db	ACAAGTGTCTTTGGCTTCAGTGGCCACATGCTCATGCCAGATCTACGTGTGTGAATCTTA	540	
541	QY	GGACATGTGCCATGATAAACTGTCAGTACAGCTGTGAAGACACAGAGNAGGGCCACAGT	600	
541	Db	GGACATGTGCCATGATAAACTGTCAGTACAGCTGTGAAGACACAGAGNAGGGCCACAGT	600	
601	QY	GCCTGTGTCATCCTCAGGACTCCGGCTCGGCCCAATGGAAGAGACTCTCTAGATATTG	660	
601	Db	GCCTGTGTCATCCTCAGGACTCCGGCTCGGCCCAATGGAAGAGACTCTCTAGATATTG	660	
661	QY	ATGAATGTGCTGTGGTGAAGTCAATCTGTCCTTACAATCGAAGATGTGTGAACACATTG	720	
661	Db	ATGAATGTGCTGTGGTGAAGTCAATCTGTCCTTACAATCGAAGATGTGTGAACACATTG	720	
721	QY	GAAGCTACTACTGCAAAATGTCACATTGGTTTGCAACTGCAATATATACGTGGACGATATG	780	
721	Db	GAAGCTACTACTGCAAAATGTCACATTGGTTTGCAACTGCAATATATACGTGGACGATATG	780	
781	QY	ACTGTATAGATATAAATGAATGTACTATGATNAGCCATACGTGCAGCCACCATGCCAATT	840	
781	Db	ACTGTATAGATATAAATGAATGTACTATGATNAGCCATACGTGCAGCCACCATGCCAATT	840	
841	QY	GCCTCAATACCCAGGCTCCTCAAGTGTAAATGCAAGCAGCGGATATAAAGGCAATGGAC	900	
841	Db	GCCTCAATACCCAGGCTCCTCAAGTGTAAATGCAAGCAGCGGATATAAAGGCAATGGAC	900	
901	QY	TTGGTGTCTTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGTGTACCA	960	
901	Db	TTGGTGTCTTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGTGTACCA	960	
961	QY	TCAAGA CAGAAATCAAGAGTGTGCTGTCTCAGAAACACAGATGAAGAAAGGCAAAA	1020	
961	Db	TCAAGA CAGAAATCAAGAGTGTGCTGTCTCAGAAACACAGATGAAGAAAGGCAAAA	1020	
1021	QY	TTAAAAATGTTACCCAGAACCCACAGGACTCTCTACCCCTTAAGTGTAACTTTCAGCGCT	1080	
1021	Db	TTAAAAATGTTACCCAGAACCCACAGGACTCTCTACCCCTTAAGTGTAACTTTCAGCGCT	1080	
1081	QY	TCAATATAGAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTATAAAAAAGGGAATG	1140	
1081	Db	TCAATATAGAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTATAAAAAAGGGAATG	1140	
1141	QY	AAGAGAAATGAACAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAAATGA	1200	
1141	Db	AAGAGAAATGAACAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAAATGA	1200	
1201	QY	CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTTTCCCTAAGTGAATGAAGCAGGTGA	1260	
1201	Db	CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTTTCCCTAAGTGAATGAAGCAGGTGA	1260	
1261	QY	ATTCCGCTGATTTCTGGTCCAAAGGAAGCGCTAACTTCCAACTGTGAAACATAAAGATTT	1320	
1261	Db	ATTCCGCTGATTTCTGGTCCAAAGGAAGCGCTAACTTCCAACTGTGAAACATAAAGATTT	1320	
1321	QY	AAATATCTCCGTTGACTGCAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA	1380	

RESULT 76
US-10-017-08SA-118
; Sequence 118, Application US/10017085A
; Publication No. US20030204055A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc

APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napiez, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C73
CURRENT FILING DATE: 2002-04-30
Prior Application removed - File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 118
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
us-10-017-085A-118

Query Match 99.78; Score 2253; DB 16; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0; Indels 0; Gaps 0;
Matches 2260; Conservative 0; Mismatches 0

QY 1 CGGACGGGTGCGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGGCG 60
DB 1 CGGACGGGTGCGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGGCG 60
QY 61 GCTTAGCTGTACGGGTTCGGGTCGGGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGTACGGGTTCGGGTCGGGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCCGTGCGAGATGCTCTGCGCTGGAGCCTTGCGCTCCCGCTGCTGCTCTCCTGGG 180
DB 121 GGAACCCGTGCGAGATGCTCTGCGCTGGAGCCTTGCGCTCCCGCTGCTGCTCTCCTGGG 180
QY 181 TGGCAGGTGGTTCGGGAAACCGGCGCGAGTGCGAGGCAATCAGGGTGTGTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTCGGGAAACCGGCGCGAGTGCGAGGCAATCAGGGTGTGTAGCATCGGCAC 240
QY 241 GTCACCTGGGCTCTGCTCACTATGAACTAACTGCGCTCTGCTACGGCTGGAGAGAA 300
DB 241 GTCACCTGGGCTCTGCTCACTATGAACTAACTGCGCTCTGCTACGGCTGGAGAGAA 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTCATCGGAACTGAGATGATGATGATGATGATGATGATGATG 360
DB 301 ACAGCAAGGAGTCTGTGAAGCTCATCGGAACTGAGATGATGATGATGATGATGATGATGATG 360
QY 361 GACCAACAAATGAGATGCTTTCAGGATACCGGGAACCTGCGAGTCAAGATGTGA 420
DB 361 GACCAACAAATGAGATGCTTTCAGGATACCGGGAACCTGCGAGTCAAGATGTGA 420
QY 421 ATGAGTGGGAATGAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAAGCT 480

DB 421 ATGAGTGGGAATGAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAAGCT 480
QY 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTTACGTGTGTGAACCTTA 540
DB 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTTACGTGTGTGAACCTTA 540
QY 541 GGACATGTGCCATGATAAATCTGTCTAGTACAGCTGTGAAGACACAGAAAGAGGGGCCACAGT 600
DB 541 GGACATGTGCCATGATAAATCTGTCTAGTACAGCTGTGAAGACACAGAAAGAGGGGCCACAGT 600
QY 601 GCTGTGTCCATCCCTCAGGACTCCGCGTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
DB 601 GCTGTGTCCATCCCTCAGGACTCCGCGTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGCTGTAAGTCACTCTGCTCAATCGAAGATGTGTGAACACATTTG 720
DB 661 ATGAATGTGCTCTGCTGTAAGTCACTCTGCTCAATCGAAGATGTGTGAACACATTTG 720
QY 721 GAAGCTTACTGCAAAATGTCACTTGTTCGAAGTCAATATATATAGTGAAGATATG 780
DB 721 GAAGCTTACTGCAAAATGTCACTTGTTCGAAGTCAATATATATAGTGAAGATATG 780
QY 781 ACTGTATAGATATAAATGAATGATCTATGATAGCATACTGTCAGGACCATGTCCTAATT 840
DB 781 ACTGTATAGATATAAATGAATGATCTATGATAGCATACTGTCAGGACCATGTCCTAATT 840
QY 841 GCTTCAATACCCCAAGGTCCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGGCAATGAC 900
DB 841 GCTTCAATACCCCAAGGTCCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGGCAATGAC 900
QY 901 TTGGGTGTTCTGCTATCCCTGAAAAATCTGTGAAGGAAGTCTCTCAGAGCACTGCTGATCCA 960
DB 901 TTGGGTGTTCTGCTATCCCTGAAAAATCTGTGAAGGAAGTCTCTCAGAGCACTGCTGATCCA 960
QY 961 TCAAGACAGATCAAGAGTTCCTGCTCAAAAACAGCATGAAAGAGAGGCAAAA 1020
DB 961 TCAAGACAGATCAAGAGTTCCTGCTCAAAAACAGCATGAAAGAGAGGCAAAA 1020
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTTAAGGTGAACCTTGAGCCCT 1080
DB 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTTAAGGTGAACCTTGAGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAGAGGGAATG 1140
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAGAGGGAATG 1140
QY 1141 AAGAGAAATGAAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA 1200
DB 1141 AAGAGAAATGAAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA 1200
QY 1201 CATAGAGGAGCGAAGCCTCGGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCGGTGA 1260
DB 1201 CATAGAGGAGCGAAGCCTCGGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCGGTGA 1260
QY 1261 ATTCCGCTGATTCTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATAAAGATTT 1320
DB 1261 ATTCCGCTGATTCTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATAAAGATTT 1320
QY 1321 AAATATCTCGGTTGATCTGAGCTTCAATCATGGGATCTGTGATCTGGAACAGGATAGAGA 1380
DB 1321 AAATATCTCGGTTGATCTGAGCTTCAATCATGGGATCTGTGATCTGGAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAATGGAATCCCTGCTCATCGATATGCTATTGCTTCTATATGCGAGT 1440
DB 1381 AGATGATTTTGAATGGAATCCCTGCTCATCGATATGCTATTGCTTCTATATGCGAGT 1440
QY 1441 TCCGGCTTTCGCAAGGTCAAGAAAGACATTTGGCGGATGAACTTCTCTACCTGACCT 1500
DB 1441 TCCGGCTTTCGCAAGGTCAAGAAAGACATTTGGCGGATGAACTTCTCTACCTGACCT 1500
QY 1501 GCACCCCAAGCACTTCTGTTTGTCTCTGATTAACCGCTGGCGGAGACAAAGTCCG 1560

Db 1501 GCAACCCCAAGCAACTCTCTGTTCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTTGTGAAACCAAGTAAACAATGCCCTGGCATGGGAGAACACACGAG 1620
Db 1561 GAAACTTCGAGTGTGTTGTGAAACCAAGTAAACAATGCCCTGGCATGGGAGAACACACGAG 1620
QY 1621 TGAGGATGAAAGTGGAGACAGGGAATTCAGTTGATCAAGGAACTGATGCTACCA 1680
Db 1621 TGAGGATGAAAGTGGAGACAGGGAATTCAGTTGATCAAGGAACTGATGCTACCA 1680
QY 1681 AAGCATCATTTTGAAGCAGAACTGGCAAGGCAAAACCGCGGAAATTCGAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAACTGGCAAGGCAAAACCGCGGAAATTCGAGTGGATGG 1740
QY 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTTGGATGACTGAATGTT 1800
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTTGGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTGTATGTCAGTTCCTGCTGTTTATTTGATATGTCATATAG 1860
Db 1801 ACTATCTTTATATTTGACTTGTATGTCAGTTCCTGCTGTTTATTTGATATGTCATATAG 1860
QY 1861 GACCTCTGCAATTTAGAAATTAAGTGAATAATTTGTAATGTTACCAAGAAATATATAT 1920
Db 1861 GACCTCTGCAATTTAGAAATTAAGTGAATAATTTGTAATGTTACCAAGAAATATATAT 1920
QY 1921 TGTAAGATGCTTTCTTGTATAGATATGCCAAATTTGCTTTAAATATCATATCATGT 1980
Db 1921 TGTAAGATGCTTTCTTGTATAGATATGCCAAATTTGCTTTAAATATCATATCATGT 1980
QY 1981 ATCTTCTAGTCAATTTCTGAATCTTTTCNCATTTATTTATATAAATNTGGAAANGTCAGTT 2040
Db 1981 ATCTTCTAGTCAATTTCTGAATCTTTTCNCATTTATTTATATAAATNTGGAAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTGCTATCTGATTTGTATANGTGTGATGCTCTCTCTCA 2100
Db 2041 TATCTCCCTCCCTGCTATCTGATTTGTATANGTGTGATGCTCTCTCTCA 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACCTGGGCTTT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACCTGGGCTTT 2220
QY 2221 TCATAGCCAAACTTGTATATTTAAATTTCTTTGTAATAATA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAAATTTCTTTGTAATAATA 2260

RESULT 77

US-10-013-916A-118
; Sequence 118, Application US/10013916A
; Publication No. US20030206915A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.

; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P26301C79
; CURRENT APPLICATION NUMBER: US/10/013,916A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-013-916A-118
Query Match 99.7%; Score 2253; DB 16; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCTGGTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCG 60
Db 1 CGGACGCTGGTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCG 60
QY 61 GCTTAGCTGCTACGGGGTCCGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAA 120
Db 61 GCTTAGCTGCTACGGGGTCCGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAA 120
QY 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGGCTTGGCTCCCGCTGCTGCTCTCTCTGG 180
Db 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGGCTTGGCTCCCGCTGCTGCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTCGGGAAACGGGCGGAGTGCAGGCGATCAGGGTGTAGTACGCGCAC 240
Db 181 TGGCAGGTGGTTCGGGAAACGGGCGGAGTGCAGGCGATCAGGGTGTAGTACGCGCAC 240
QY 241 GTCAGCCTGGGGTCTGTCTACTATGGAATAACTGAGGCTGCTGCTACGGCTGGAGAGAA 300
Db 241 GTCAGCCTGGGGTCTGTCTACTATGGAATAACTGAGGCTGCTGCTACGGCTGGAGAGAA 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGGTGG 360
QY 361 GACCAAAACAAATTCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGTA 420
Db 361 GACCAAAACAAATTCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGTA 420
QY 421 ATGAGTGTGAATGAAACCCCGGCGATCCCAACACAGATGTGTGAATACACACGAGAGCT 480
Db 421 ATGAGTGTGAATGAAACCCCGGCGATCCCAACACAGATGTGTGAATACACACGAGAGCT 480
QY 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCGCAGATGCTACGTGTGTGAATCTTA 540
Db 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCGCAGATGCTACGTGTGTGAATCTTA 540
QY 541 GGACATGTGCCATGATAAATCTGTAGTACAGTGTGAAGACACAGAGAGAGGCGCACAGT 600
Db 541 GGACATGTGCCATGATAAATCTGTAGTACAGTGTGAAGACACAGAGAGAGGCGCACAGT 600
QY 601 GCTGTGTCCATCTCTCAGGACTCCGCTGGCCCGCCAAATGGAGAGACTGTCTAGATATTG 660

Db 601 GCCTGTGTCATCTCAGGACTCGCCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660
Qy 661 ATGAATGTGCTCGTAAAGTCAATCTGTCCTTACCAATGAAGATGTGAAACAATTTG 720
Db 661 ATGAATGTGCTCGTAAAGTCAATCTGTCCTTACCAATGAAGATGTGAAACAATTTG 720
Qy 721 GAAGCTACTACTGCAAAATGTCACATGCTGTTTCCGAATCTGCAATATATACAGTGCACGATATG 780
Db 721 GAAGCTACTACTGCAAAATGTCACATGCTGTTTCCGAATCTGCAATATATACAGTGCACGATATG 780
Qy 781 ACTGTATAGATATTAATGAATGTACTATGATAGCCATAGCTGCAGCCACCAATGCAATTT 840
Db 781 ACTGTATAGATATTAATGAATGTACTATGATAGCCATAGCTGCAGCCACCAATGCAATTT 840
Qy 841 GCTTCAATACCAAGGCTCTTCAAGGTAAATGCAAGCAGGAGATATAAGCAATGGAC 900
Db 841 GCTTCAATACCAAGGCTCTTCAAGGTAAATGCAAGCAGGAGATATAAGCAATGGAC 900
Qy 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGTGAAGGAAGTCTTCAAGGAGTCTTGCAGCCCT 1080
Db 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGTGAAGGAAGTCTTCAAGGAGTCTTGCAGCCCT 1080
Qy 961 TCAAGCAGAGATCAAGAGTGTGCTCTCAAAACACAGCATGAAAAGAGGCAAAA 1020
Db 961 TCAAGCAGAGATCAAGAGTGTGCTCTCAAAACACAGCATGAAAAGAGGCAAAA 1020
Qy 1021 TTAATAATGTTTACCCCAAGAACCCACAGGACTCTACCCCTTAAGGTGAATTTGCAGCCCT 1080
Db 1021 TTAATAATGTTTACCCCAAGAACCCACAGGACTCTACCCCTTAAGGTGAATTTGCAGCCCT 1080
Qy 1081 TCAACTATGAAGATAGTTTCCAGAGCGCGGAATCTCATGAGTGAATAAAGGAATG 1140
Db 1081 TCAACTATGAAGATAGTTTCCAGAGCGCGGAATCTCATGAGTGAATAAAGGAATG 1140
Qy 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAAATGA 1200
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAAATGA 1200
Qy 1201 CATAGAGAGCGAAGCTGCGAGAGATGTGTTTTCCTTAAGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAAGCTGCGAGAGATGTGTTTTCCTTAAGTGAATGAAGCAGGTGA 1260
Qy 1261 ATTGGCCTGATTCTGGTCCAAAGGAAGGCGTAACCTTCCAAACTGGAACATAAAGATTT 1320
Db 1261 ATTGGCCTGATTCTGGTCCAAAGGAAGGCGTAACCTTCCAAACTGGAACATAAAGATTT 1320
Qy 1321 AAATATCTCGGTGACTGAGCTTCAATCATGAGATCTGTGATGAGAAACAGGATAGAGA 1380
Db 1321 AAATATCTCGGTGACTGAGCTTCAATCATGAGATCTGTGATGAGAAACAGGATAGAGA 1380
Qy 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT 1440
Db 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT 1440
Qy 1441 TCCGCCCTTGGCAGGTCAAAAGAGCAATTTGGCCGATTTGAATCTTCTTCTAGCTGACCT 1500
Db 1441 TCCGCCCTTGGCAGGTCAAAAGAGCAATTTGGCCGATTTGAATCTTCTTCTAGCTGACCT 1500
Qy 1501 GCAACCCCAAGCAACTTCTGTTTCTGTTTATACCGCTGCGCGAGACAAAGTCCG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTTCTGTTTATACCGCTGCGCGAGACAAAGTCCG 1560
Qy 1561 GAACTTCCAGTGTGTTGTAAGAAACAGTAAACATGCTGCGATGGGAGAGACACAGAG 1620
Db 1561 GAACTTCCAGTGTGTTGTAAGAAACAGTAAACATGCTGCGATGGGAGAGACACAGAG 1620
Qy 1621 TGAGGATCAAAAGTGGAGACAGGGAATTTCACTTCTATCAAGGAACTGATGCTACCAA 1680
Db 1621 TGAGGATCAAAAGTGGAGACAGGGAATTTCACTTCTATCAAGGAACTGATGCTACCAA 1680
Qy 1681 AAGCATCATTTTGAAGCAGACGCTGGCAAGGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGACGCTGGCAAGGGCAAAACCGGCAAAATCGCAGTGGATGG 1740

Qy 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGACCTTTTATCTGTGATGATGAATGTT 1800
Db 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGACCTTTTATCTGTGATGATGAATGTT 1800
Qy 1801 ACTATCTTTATATTTGACCTTGTATGTAGTTCCTGCTGCTTTTGTATTTGATTTGCAATAG 1860
Db 1801 ACTATCTTTATATTTGACCTTGTATGTAGTTCCTGCTGCTTTTGTATTTGATTTGCAATAG 1860
Qy 1861 GACCTCGGCATTTTGAATTTAGATTTAGCTGCAAAAATTTAAATGATACCAACAGAAATATTAT 1920
Db 1861 GACCTCGGCATTTTGAATTTAGATTTAGCTGCAAAAATTTAAATGATACCAACAGAAATATTAT 1920
Qy 1921 TGAAGAAGTCCCTTCTGTTATAGATATGCAATATTTGCTTTTAAATATCATACACTGT 1980
Db 1921 TGAAGAAGTCCCTTCTGTTATAGATATGCAATATTTGCTTTTAAATATCATACACTGT 1980
Qy 1981 ATCTTCTAGTCAATTTCTGAATCTTTTCNCATATATATATAAAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTAGTCAATTTCTGAATCTTTTCNCATATATATATAAAAATNTGGAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTTCATGCTTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTTCATGCTTCTCTACAA 2100
Qy 2101 CATTTCTAGAAAATAGAAAAAAGCAGACAGAAATGTTTAACTTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAAGCAGACAGAAATGTTTAACTTTTGACTCTTATGAT 2160
Qy 2161 ACTTCTTGAAGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGAAGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAACTTGTATATTTAATTTTGTGTAATAATAA 2260
Db 2221 TCATAGCCAACTTGTATATTTAATTTTGTGTAATAATAA 2260

RESULT 78

US-10-143-026B-118

; Sequence 118, Application US/10143026B

; Publication No. US20030207803A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferraz, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C58

; CURRENT APPLICATION NUMBER: US/10/143,026B

; CURRENT FILING DATE: 2003-05-09

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 118

; LENGTH: 2260

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: unsure

; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086

; OTHER INFORMATION: unknown base

US-10-143-026B-118

Query March 99.7%; Score 2253; DB 16; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Gaps 0;
Matches 2260; Conservative 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGACCGAGCGGCTGAGGAGAGAGGCGCG 60
DB 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGACCGAGCGGCTGAGGAGAGAGGCGCG 60
QY 61 GCTTAGCTGTACGGGTGCGGCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGAGGA 120
DB 61 GCTTAGCTGTACGGGTGCGGCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGAGGA 120
QY 121 GGACCCCTGCGAGAACTGCTCTGCTGAGAGCTTCCGCTCCCGTGTCTCTCTCTGG 180
DB 121 GGACCCCTGCGAGAACTGCTCTGCTGAGAGCTTCCGCTCCCGTGTCTCTCTCTGG 180
QY 181 TGGCAGTGGTTTGGGAAACGCGCCAGTGCAGAGGATCACGGGTTGTAGCATCGGCAC 240
DB 181 TGGCAGTGGTTTGGGAAACGCGCCAGTGCAGAGGATCACGGGTTGTAGCATCGGCAC 240
QY 241 GTGAGCCTGGGGTCTGTCACTATGGAACCTAACTGCGCTGCTGCTGCTGCTGCTG 300
DB 241 GTGAGCCTGGGGTCTGTCACTATGGAACCTAACTGCGCTGCTGCTGCTGCTGCTG 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTGTGAGTGGCTGG 360
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTGTGAGTGGCTGG 360
QY 361 GACCAACAAATGCGAGATGCTTCCAGGATACACCGGGAACCTGCACTCAAGATGTGA 420
DB 361 GACCAACAAATGCGAGATGCTTCCAGGATACACCGGGAACCTGCACTCAAGATGTGA 420
QY 421 ATGAGTGTGAATGAACCCCGGCGCATGCCAAACAGATGTGTGAATACACCGGAAGCT 480
DB 421 ATGAGTGTGAATGAACCCCGGCGCATGCCAAACAGATGTGTGAATACACCGGAAGCT 480
QY 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGTGAACCTTA 540
DB 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGTGAACCTTA 540

QY 541 GGACATGTGCCATGATAAAGTGTGAGTACAGTGTGAGAGACACAGAAAGAGGCGCACGT 600
DB 541 GGACATGTGCCATGATAAAGTGTGAGTACAGTGTGAGAGACACAGAAAGAGGCGCACGT 600
QY 601 GCTGTGTCCATCTCCAGAGCTCCGCGTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
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DB 961 TCAGAGAGATCAAGAGTTGCTTGTCTCAAAACAGCATGAAAAGAGGCAAA 1020
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DB 1021 TTAATAATGTATACCCAGAACCCACAGAGCTCTTACCCCTTAAGGTGAATTTGAGCCCT 1080
QY 1081 TCACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTATGAGGTGAAAAGAGGATG 1140
DB 1081 TCACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTATGAGGTGAAAAGAGGATG 1140
QY 1141 AAGAGAAATGAAAGAGGGCTTGGAGATGAGAAAGAGAGAGAGGCTTGAAGATGA 1200
DB 1141 AAGAGAAATGAAAGAGGGCTTGGAGATGAGAAAGAGAGAGAGGCTTGAAGATGA 1200
QY 1201 CATAGAGGAGGAGCTGCGAGGAGATGTGTGTTTTTCCCTAAGGTGAATGAAGAGGTGA 1260
DB 1201 CATAGAGGAGGAGCTGCGAGGAGATGTGTGTTTTTCCCTAAGGTGAATGAAGAGGTGA 1260
QY 1261 ATTGCGCTGATTTGCTGCTCCAAAGGAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
DB 1261 ATTGCGCTGATTTGCTGCTCCAAAGGAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
QY 1321 AAATATCTCGGTTGACTGAGCTTCAATCATGCGATCTGTGACTGGAACAGGATAGAGA 1380
DB 1321 AAATATCTCGGTTGACTGAGCTTCAATCATGCGATCTGTGACTGGAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1440
DB 1381 AGATGATTTTGAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1440
QY 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
DB 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCACTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1560
DB 1501 GCAACCCCAAGCACTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1560
QY 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAAACATGCTGCGATGCGGAGAGACACGAG 1620
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Query Match 99.7%; Score 2253; DB 16; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGTGCAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGAGAGAGCGCGCG 60
DB 1 CGGACGCGTGGTGGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGAGAGAGCGCGCG 60

QY 61 GCTTAGCTGTCTACGGGCTCCGCGCGGCGCTCCGAGGGGGGCTCAGGAGAGAGAGAGGA 120
DB 61 GCTTAGCTGTCTACGGGCTCCGCGCGGCGCTCCGAGGGGGGCTCAGGAGAGAGAGGA 120

QY 121 GGACCGGTGCGAGAAATGCTCTGCGCTGGAGCGCTTGGCGCTCCCGCTGCTGCTCTCTCTGG 180
DB 121 GGACCGGTGCGAGAAATGCTCTGCGCTGGAGCGCTTGGCGCTCCCGCTGCTGCTCTCTCTGG 180

QY 181 TGGCAGGTGGTTTCGGGAAACGCGGCGCTGCAAGGCGCTACGGGTTGTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTCGGGAAACGCGGCGCTGCAAGGCGCTACGGGTTGTAGCATCGGCAC 240

QY 241 GTCAGCGTGGGCTCTGTCACTATGGAACCTAACTGGCGCTGCTGTACGGCTGGAGAGAA 300
DB 241 GTCAGCGTGGGCTCTGTCACTATGGAACCTAACTGGCGCTGCTGTACGGCTGGAGAGAA 300

QY 301 ACAGCAGGAGTCTGTGAGGCTACATCGGACCTGGATGTAAGTTTGGTGGTGGTGG 360
DB 301 ACAGCAGGAGTCTGTGAGGCTACATCGGACCTGGATGTAAGTTTGGTGGTGGTGG 360

QY 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGGA 420
DB 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGGA 420

QY 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCCACACAGATGTGTGAATACACACGAGCT 480
DB 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCCACACAGATGTGTGAATACACACGAGCT 480

QY 481 ACAAGTGTCTTTTGGCTTCAGTGGCGCACATGCTCATGCCAGATGCTACGTGTGTAACCTTA 540
DB 481 ACAAGTGTCTTTTGGCTTCAGTGGCGCACATGCTCATGCCAGATGCTACGTGTGTAACCTTA 540

QY 541 GGACATGTGCCATGATAAATCTGTCTAGTACAGTGTGAGACACAGAGAGAGGCGCACAGT 600
DB 541 GGACATGTGCCATGATAAATCTGTCTAGTACAGTGTGAGACACAGAGAGAGGCGCACAGT 600

QY 601 GCCTGTGTCATCCTCAGGACTCCGCTCGCCCCCAATGGAAGAGACTGTCTAGATATTG 660
DB 601 GCCTGTGTCATCCTCAGGACTCCGCTCGCCCCCAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGTGTAAAGTCACTGTCCCTTACCAATCGAAAGATGTGTGAACACATTG 720
DB 661 ATGAATGTGCTCTGTGTAAAGTCACTGTCCCTTACCAATCGAAAGATGTGTGAACACATTG 720
QY 721 GAAGCTACTACTGCAATGTCAATGTGTTTGGAACTGCAATATATATCATGAGTGAAGATG 780
DB 721 GAAGCTACTACTGCAATGTGTTTGGAACTGCAATATATATCATGAGTGAAGATG 780
QY 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATACCTGCGACCCACCATGCCAATT 840
DB 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATACCTGCGACCCACCATGCCAATT 840
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DB 841 GCTTCAATACCCAAAGGTCTCTCAAGTGTAAATGCAAGCAGGATATTAAGCAATGAC 900
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DB 961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAAACAGCATGGAAGAGGCAAAA 1020
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DB 1141 AAGAGAAATGAAGAGGAGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAAGATGA 1200
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DB 1441 TCGGCTTGGCAGGTCAAGAGAGACATTTGGCGGATTTGAACTTCTCTACTGACCT 1500
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DB 1561 GAAACTTCCAGTGTGTTGGAAGAAACAGTAAATGCTGCGGAGCAAGTCCG 1620
QY 1621 TGAGGATGAAAGTGAAGACAGGGAATTTCAATGTTTATCAAGGAACTGATGTACCAA 1680
DB 1621 TGAGGATGAAAGTGAAGACAGGGAATTTCAATGTTTATCAAGGAACTGATGTACCAA 1680
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DB 1681 AAGCATCATTTTGAAGCAGAGACGTGGCAAGGCAAAACCGCGCAATTCGAGTGGATGG 1740
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DB 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTCGATGACTGAAATGTT 1800
QY 1801 ACTATCTTTATATTTGACATTTGATATGTCAGTTCCCTGGTTTTTTTGTATTTGATGATCATAG 1860
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QY 1861 GACCTCTGCATTTTGAATTTACTAGCTGAAATTTGTAATGTAATGTAATGTAATGTAATGTAAT 1920
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QY 1981 ATCTCTCAGTCAATTTCTGAAATCTTCCNCAATATATTAATAATGTAATGTAATGTAATGTAAT 2040
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QY 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGTCTT 2220
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RESULT 80

US-10-013-928A-118

; Sequence 118, Application US/10013928A

; Publication No. US20030215905A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Efron, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijav, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic


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, , TITLE OF INVENTION: Acids Encoding the Same
, , FILE REFERENCES: P2630P1C86
, , CURRENT APPLICATION NUMBER: US/10/013.928A
, , CURRENT FILING DATE: 2001-10-25
, , PRIOR APPLICATION NUMBER: 09/918585
, , PRIOR FILING DATE: 2001-07-30
, , PRIOR APPLICATION NUMBER: 60/062250
, , PRIOR FILING DATE: 1997-10-17
, , PRIOR APPLICATION NUMBER: 60/064249
, , PRIOR FILING DATE: 1997-11-03
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, , PRIOR APPLICATION NUMBER: 60/077450
, , PRIOR FILING DATE: 1998-03-10
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, , PRIOR APPLICATION NUMBER: 60/077641
, , PRIOR FILING DATE: 1998-03-11
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, , PRIOR FILING DATE: 1998-03-11
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, , PRIOR FILING DATE: 1998-03-12
, , Remaining Prior Application data removed - S
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, , ORGANISM: Homo sapiens
, , FEATURES:
, , NAME/KEY: unsure
, , LOCATION: 2099, 2026, 2033, 2055, 2074, 2078
, , OTHER INFORMATION: unknown base
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Qy	61	GCTTAGCTCTACGGGTTCCGGCCGGCGCCCTCCGAGAGGGGGCTCAGGAGGAGGAGGA	120	
Db	61	GCTTAGCTCTACGGGTTCCGGCCGGCGCCCTCCGAGAGGGGGCTCAGGAGGAGGAGGA	120	
Qy	121	GGACCCGTCGGAAGATGCTCTGCCCCTGGAGCCTTGGCGTCCCGCTGCTGCTCTCCTGGG	180	
Db	121	GGACCCGTCGGAAGATGCTCTGCCCCTGGAGCCTTGGCGTCCCGCTGCTGCTCTCCTGGG	180	
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Db	181	TGCGAGGTGGTTTCGGGAACGGGCGCAGTCAAGGCATCAGGGTTGTTAGCATCGGCAC	240	
Qy	241	GTGAGCCTCGGGTCTGTCACTATGAACTAACTGGCCTGTCTGTACGGTGGAGAGAA	300	
Db	241	GTGAGCCTGGGTCGTCACTATGAACTAACTGGCCTGTCTGTACGGTGGAGAGAA	300	
Qy	301	ACAGCAAGGAGTCTGTGAAGCTACATCGCAACTGAGATGTAGTTTGGTGAAGTGGCGG	360	
Db	301	ACAGCAAGGAGTCTGTGAAGCTACATCGCAACTGAGATGTAGTTTGGTGAAGTGGCGG	360	
Qy	361	GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCAAGTCAAGATGTA	420	
Db	361	GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCAAGTCAAGATGTA	420	
Qy	421	ATGAGTGTGAATGAAACCCCGGCGCATGCCAACAAGATGTGATATACACAGCGAAGCT	480	
Db	421	ATGAGTGTGAATGAAACCCCGGCGCATGCCAACAAGATGTGATATACACAGCGAAGCT	480	
Qy	481	ACAAGTGCCTTTTGGCCTCAGTGGCCACATGCTCATGCGCAGATGCTACGTGTGTGAACTCTA	540	

Db	481	ACAAGTGCCTTTGCGCTCAGTGGCCACATGCTCATGCCAGATGCTTACGTGTGTGNACTCTA	540
Qy	541	GGACATGTGCCATGATAAAACTGTCTAGTACAGCTGTGTAAGACACACAGAAAGAGGGGCCACAGT	600
Db	541	GGACATGTGCCATGATAAAACTGTCTAGTACAGCTGTGTAAGACACACAGAAAGAGGGGCCACAGT	600
Qy	601	GCCTGTGTCCATCCTCAGGACCTCCGCTGGCCCCCAAAATGGAAGAGAGACTGTCTAGATATTG	660
Db	601	GCCTGTGTCCATCCTCAGGACCTCCGCTGGCCCCCAAAATGGAAGAGAGACTGTCTAGATATTG	660
Qy	661	ATGAATGTGCCTCTGTTAAAGTCACTGTCTCCCTCAATTCGAAGATGTGTGAAACACATTG	720
Db	661	ATGAATGTGCCTCTGTTAAAGTCACTGTCTCCCTCAATTCGAAGATGTGTGAAACACATTG	720
Qy	721	GAAGCTACTACTGCAAAATGTCAATTTGGTTTTCGAACCTGCAATATATCAGTGGACGATG	780
Db	721	GAAGCTACTACTGCAAAATGTCAATTTGGTTTTCGAACCTGCAATATATCAGTGGACGATG	780
Qy	781	ACTGTATAGATATAAATGAAATGTACTATGGATAGCCATACGTGACGCCACCATGCCAATT	840
Db	781	ACTGTATAGATATAAATGAAATGTACTATGGATAGCCATACGTGACGCCACCATGCCAATT	840
Qy	841	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATCGAAGCAGGAGATAAAGGCCAATGGAC	900
Db	841	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATCGAAGCAGGAGATAAAGGCCAATGGAC	900
Qy	901	TTGCGTGTCTGTATTCCTTGAAAAATTCGTGGAAGAAATCCTCAGAGCACCTGGTACCA	960
Db	901	TTGCGTGTCTGTATTCCTTGAAAAATTCGTGGAAGAAATCCTCAGAGCACCTGGTACCA	960
Qy	961	TCAAAGACAGAACTCAAGAACTGTCTTTGCTCACAAAAACAGCATGAAAAAGAGCAAAAA	1020
Db	961	TCAAAGACAGAACTCAAGAACTGTCTTTGCTCACAAAAACAGCATGAAAAAGAGCAAAAA	1020
Qy	1021	TTAAAAATGTTACCCGAAACCCACAGACTCTCTACCCCTAAGGTGAACCTTGCAGCCCT	1080
Db	1021	TTAAAAATGTTTACCCGAAACCCACAGACTCTCTACCCCTAAGGTGAACCTTGCAGCCCT	1080
Qy	1081	TCAACTATGAAGAGATAGTTTTCAGAGGCGGGAACCTCTCATGAGGTAAAAAGGGAATG	1140
Db	1081	TCAACTATGAAGAGATAGTTTTCAGAGGCGGGAACCTCTCATGAGGTAAAAAGGGAATG	1140
Qy	1141	AAGAGAAATGAAGAGGGGCTTCAGATGGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1200
Db	1141	AAGAGAAATGAAGAGGGGCTTCAGATGGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1200
Qy	1201	CATAGAGAGCGAAGCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
Db	1201	CATAGAGAGCGAAGCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
Qy	1261	ATTGCGCCTGATCTTGCTTCAAAGGAAGCGCTTACTTCCCAACTGGAACATAAGATTT	1320
Db	1261	ATTGCGCCTGATCTTGCTTCAAAGGAAGCGCTTACTTCCCAACTGGAACATAAGATTT	1320
Qy	1321	AAATATCTCGGTTGACTTCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA	1380
Db	1321	AAATATCTCGGTTGACTTCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA	1380
Qy	1381	AGATGATTTTGACTTGGAACTCTGCTGATCGAGNATATGCTATTTGCTTCTATATGGCAGT	1440
Db	1381	AGATGATTTTGACTTGGAACTCTGCTGATCGAGNATATGCTATTTGCTTCTATATGGCAGT	1440
Qy	1441	TCGCGCCTTGGCAGGTCAAGAAGACATTTGGCCGATTGAAACTTCTCCTACCTGACCT	1500
Db	1441	TCGCGCCTTGGCAGGTCAAGAAGACATTTGGCCGATTGAAACTTCTCCTACCTGACCT	1500
Qy	1501	GCAACCCCAAGCACTTCTTTGCTCTTTGATTAACCGCTGGCGGAGACAAAGTCGG	1560
Db	1501	GCAACCCCAAGCACTTCTTTGCTCTTTGATTAACCGCTGGCGGAGACAAAGTCGG	1560
Qy	1561	GAAACTTCGAGTGTGTTGTGAAAAACAGTAACAATGCCCCTGGCATGGGAGAGACACCGAG	1620

Db 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTA 420
QY 421 ATGAGTGTGGAAATGAACCCCGGCCATGCCACACAGATGTGTAATACACACGGAGCT 480
Db 421 ATGAGTGTGGAAATGAACCCCGGCCATGCCACACAGATGTGTAATACACACGGAGCT 480
QY 481 ACAAGTGTCTTTGCTCAGTGTGCGCCATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540
Db 481 ACAAGTGTCTTTGCTCAGTGTGCGCCATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540
QY 541 GGCATGTGCGCATGATTAACCTGTAGTACAGTGTGAAGACACAGAGAGGGCCACAGT 600
Db 541 GGCATGTGCGCATGATTAACCTGTAGTACAGTGTGAAGACACAGAGAGGGCCACAGT 600
QY 601 GCTGTGTCCATCCTCAGGACTCCGCTGCGCCCAAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCTGTGTCCATCCTCAGGACTCCGCTGCGCCCAAATGGAAGAGACTGTCTAGATATTG 660
QY 661 ATGAATGTGCGCTGTGTAAGTCACTGTCTCCCTCAANTCGAAGATGTGTGAACCATTTG 720
Db 661 ATGAATGTGCGCTGTGTAAGTCACTGTCTCCCTCAANTCGAAGATGTGTGAACCATTTG 720
QY 721 GAAGCTACTACTGCAATGTCACTTGGTTTCGAATGCAATATATCACTGAGCAGATATG 780
Db 721 GAAGCTACTACTGCAATGTCACTTGGTTTCGAATGCAATATATCACTGAGCAGATATG 780
QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
Db 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
QY 841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTCGAAATTTCTGTAAGGAAGTCTCTAGAGCACCTGGTACCA 960
Db 901 TTCGGTGTCTGCTATCCCTCGAAATTTCTGTAAGGAAGTCTCTAGAGCACCTGGTACCA 960
QY 961 TCAAGACAGAAATCAGAAATGCTTGTCTCAAAAACAGCATGAAAGAGGCAAAA 1020
Db 961 TCAAGACAGAAATCAGAAATGCTTGTCTCAAAAACAGCATGAAAGAGGCAAAA 1020
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTTAAGGTGAACCTTGCAGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTTAAGGTGAACCTTGCAGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGGCGGAACTCTCATGGGTTAAAAAGGGAATG 1140
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGGCGGAACTCTCATGGGTTAAAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200
QY 1201 CATAGAGGAGGAGGCTGAGGAGATGTGTTTCCCTTAAGGTGAATGAAGCGAGTGA 1260
Db 1201 CATAGAGGAGGAGGCTGAGGAGATGTGTTTCCCTTAAGGTGAATGAAGCGAGTGA 1260
QY 1261 ATTTCGGCTGATTTCTGTCACAAAGGAAAGCGCTAATCCAACTGGAACATAAAGATTT 1320
Db 1261 ATTTCGGCTGATTTCTGTCACAAAGGAAAGCGCTAATCCAACTGGAACATAAAGATTT 1320
QY 1321 AAATATCTCGGTTGACTGCACTTCAATCATGGATCTGTGACTGGAAACAGGATAGAGA 1380
Db 1321 AAATATCTCGGTTGACTGCACTTCAATCATGGATCTGTGACTGGAAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1440
Db 1381 AGATGATTTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1440
QY 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500

QY 1501 GCACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGCTGCGCGGACACAAAGTCGG 1560
Db 1501 GCACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGCTGCGCGGACACAAAGTCGG 1560
QY 1561 GAACTTCGAGTGTGTTGTGAAAAACAGTAAACATGCTGCTGCGCATGGAGAAAGCCAGAG 1620
Db 1561 GAACTTCGAGTGTGTTGTGAAAAACAGTAAACATGCTGCTGCGCATGGAGAAAGCCAGAG 1620
QY 1621 TGAGGATCAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACCTGATGCTACAA 1680
Db 1621 TGAGGATCAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACCTGATGCTACAA 1680
QY 1681 AAGCATCAATTTTGAAGCAGAAACCTGCGCAAGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAAACCTGCGCAAGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740
QY 1741 CGCTTGTGCTGTTTTCAGGCTTATGTCCAGATAGAGCTTTTATCTGTGATGACTGAATGTT 1800
Db 1741 CGCTTGTGCTGTTTTCAGGCTTATGTCCAGATAGAGCTTTTATCTGTGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTGTATGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860
Db 1801 ACTATCTTTATATTTGACTTTGTATGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860
QY 1861 GACCTTCGCAATTTTAGAATTTACTAGCTGGAATAATTTGTAATGTAACCAAGAAATATAT 1920
Db 1861 GACCTTCGCAATTTTAGAATTTACTAGCTGGAATAATTTGTAATGTAACCAAGAAATATAT 1920
QY 1921 TGTAAGATGCTCTTCTGTTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980
Db 1921 TGTAAGATGCTCTTCTGTTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCAATATATTAATAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCAATATATTAATAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGT 2100
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGT 2100
QY 2101 CATTTCTAGAAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGAATACTATGACATCAAGATAGAGCTTTTGCTAAGTGGCTTAGCTGGGCTTT 2220
Db 2161 ACTTCTTGAATACTATGACATCAAGATAGAGCTTTTGCTAAGTGGCTTAGCTGGGCTTT 2220
QY 2221 TCATAGCCAAACTGTATATTTAATTTCTTTGTAATAATAA 2260
Db 2221 TCATAGCCAAACTGTATATTTAATTTCTTTGTAATAATAA 2260

RESULT 82

US-10-013-923A-118
; Sequence 118, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Pong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C87
CURRENT APPLICATION NUMBER: US/10/013,923A
CURRENT FILING DATE: 2001-10-25
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 118
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
US-10-013-923A-118

Query Match
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
Db 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGGAGGCGGCG 60

QY 61 GCTTAGCTGTACGGGCTCGGCGCGGCGCCCTCCGAGGCGGCTCAGGAGGAGGAGGA 120
Db 61 GCTTAGCTGTACGGGCTCGGCGCGGCGCCCTCCGAGGCGGCTCAGGAGGAGGAGGA 120

QY 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCTTGGCTTCCGCTGCTCTCTCTGGG 180
Db 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCTTGGCTTCCGCTGCTCTCTCTGGG 180

QY 181 TGGCAGGTGGTTTCGGGAAACGCGCAGTGCAGGCAATCAGGTTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGGTTTCGGGAAACGCGCAGTGCAGGCAATCAGGTTGTAGCATCGGCAC 240

QY 241 GTCAGCCTGGGCTGTCTCACTATGGAACCTAACTGGCTCTGCTACGGCTGGAGAAGAA 300
Db 241 GTCAGCCTGGGCTGTCTCACTATGGAACCTAACTGGCTCTGCTACGGCTGGAGAAGAA 300

QY 301 ACAGCAAGGAGTCTGTAAGTACATCGCAATCGGCTGAGTGTAGTTGGTGGTGGTGG 360
Db 301 ACAGCAAGGAGTCTGTAAGTACATCGCAATCGGCTGAGTGTAGTTGGTGGTGGTGG 360

QY 361 GACCAAAACAAATGCGAGTCTTCCAGGATACACCGGGAACCTGCAAGATGTGA 420
Db 361 GACCAAAACAAATGCGAGTCTTCCAGGATACACCGGGAACCTGCAAGATGTGA 420

QY 421 ATGAGTGTGGAATGAACCCCGGCGCATGCAACAGATGTGATACACAGGAGCT 480
Db 421 ATGAGTGTGGAATGAACCCCGGCGCATGCAACAGATGTGATACACAGGAGCT 480

QY 481 ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTGAGTGTGAACCTTA 540
Db 481 ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTGAGTGTGAACCTTA 540

QY 541 GGACATGTGCCATGATAACTGTGATACAGTCTGTGAGACACAGAGAGGCGGCAGT 600
Db 541 GGACATGTGCCATGATAACTGTGATACAGTCTGTGAGACACAGAGAGGCGGCAGT 600

QY 601 GCCTGTGTCCATCCTCAGGACTCCGCTCGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCCATCCTCAGGACTCCGCTCGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTCTGTGTAAGTCACTGTCCCTACATGGAAGATGTGTGAACACATTGG 720
Db 661 ATGAATGTGCTCTGTGTAAGTCACTGTCCCTACATGGAAGATGTGTGAACACATTGG 720

QY 721 GAAGCTACTACTGCAAAATGTCAATTGGTTTCCAACTGCAATATATATCAGTGGACATATG 780
Db 721 GAAGCTACTACTGCAAAATGTCAATTGGTTTCCAACTGCAATATATATCAGTGGACATATG 780

QY 781 ACTGTATAGATATAAATGAATGTATGTATGATAGCATACGTGAGCCACCAATGCCAATT 840
Db 781 ACTGTATAGATATAAATGAATGTATGTATGATAGCATACGTGAGCCACCAATGCCAATT 840

QY 841 GCTTCAATACCCCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCCCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900

QY 901 TTCGGTGTCTGTATCTCCGTGAAAATTTCTGGAAGAGTCTCTCAGAGCACTGTGTACCA 960
Db 901 TTCGGTGTCTGTATCTCCGTGAAAATTTCTGGAAGAGTCTCTCAGAGCACTGTGTACCA 960

QY 961 TCAAGACACAATCAAGAGTGTCTTCTGCTCAAAAACACAGCATGAAAAGAGGCAAAA 1020
Db 961 TCAAGACACAATCAAGAGTGTCTTCTGCTCAAAAACACAGCATGAAAAGAGGCAAAA 1020

QY 1021 TTAATAATGTTTACCAGAACCCACAGGACTCTTACCCTTAAGGTGAACCTTGCAGCCCT 1080
Db 1021 TTAATAATGTTTACCAGAACCCACAGGACTCTTACCCTTAAGGTGAACCTTGCAGCCCT 1080

QY 1081 TCACACTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGTGAATAAAGGGAATG 1140
Db 1081 TCACACTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGTGAATAAAGGGAATG 1140

QY 1141 AAGAGAAATGAAAGAGGCGCTTCAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAATGA 1200
Db 1141 AAGAGAAATGAAAGAGGCGCTTCAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAATGA 1200

QY 1201 CATAGAGAGCGAAGCTTCGAGAGATGTGTTTTCCTTACCTTACCTTACCTTACCTTACCT 1260
Db 1201 CATAGAGAGCGAAGCTTCGAGAGATGTGTTTTCCTTACCTTACCTTACCTTACCTTACCT 1260

QY 1261 ATTCCGCTGATTTCTGCTCCAAAGGAAAGCGCTTAACTTCCAAACTGGAAATATTT 1320
Db 1261 ATTCCGCTGATTTCTGCTCCAAAGGAAAGCGCTTAACTTCCAAACTGGAAATATTT 1320

QY 1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGATCTGTGACTGTGAAACAGATAGAGA 1380
Db 1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGATCTGTGACTGTGAAACAGATAGAGA 1380

QY 1381 AGATGATTTTGAATGCTGCTGATCGAGATAATGCTTATTTGGCTTCTATATGCGAGT 1440
Db 1381 AGATGATTTTGAATGCTGCTGATCGAGATAATGCTTATTTGGCTTCTATATGCGAGT 1440

QY 1441 TCCGCGCTTGGAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500
Db 1441 TCCGCGCTTGGAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500

QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTCTTGTATACCGCTGGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTCTTGTATACCGCTGGCGGAGACAAAGTCGG 1560

QY 1561 GAAACTTTCGAGTGTGTGTGAAAACAGTAACAAATGCGCTGGCATGGGAGAGACCCAG 1620
Db 1561 GAAACTTTCGAGTGTGTGTGAAAACAGTAACAAATGCGCTGGCATGGGAGAGACCCAG 1620

QY 1621 TGAGGATGAAAGTGGAGAGACAGGAAATTTCAAGTGTATCAAGGAACTGTATGCTACCAA 1680
Db 1621 TGAGGATGAAAGTGGAGAGACAGGAAATTTCAAGTGTATCAAGGAACTGTATGCTACCAA 1680

QY 1681 AAGCATATATTTTGAAGCAGAAAGTGGCAAGGGCAAAACCGCGGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATATATTTTGAAGCAGAAAGTGGCAAGGGCAAAACCGCGGAAATCGCAGTGGATGG 1740
QY 1741 CGCTCTGCTGTTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGATGACTGGAATGTT 1800
Db 1741 CGCTCTGCTGTTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGATGACTGGAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTTATGTCAGTTCCTGCTTCTTTTGTGATATGATCATATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTTATGTCAGTTCCTGCTTCTTTTGTGATATGATCATATAG 1860
QY 1861 GACCTCTGCATTTTGAATTTACTAGCTGAAATTTGTAATGTAACCAAGAAATATAT 1920
Db 1861 GACCTCTGCATTTTGAATTTACTAGCTGAAATTTGTAATGTAACCAAGAAATATAT 1920
QY 1921 TGTAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGTAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTAGTCAATTTCTGAATTTTCCNCAATATATTAATAATTTGGAANGTCAGTT 2040
Db 1981 ATCTTCTAGTCAATTTCTGAATTTTCCNCAATATATTAATAATTTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTTCTGGAACATATGACATCAAGATAGACTTTTTCCTAGTGGCTTAGCTGGGCTTT 2220
Db 2161 ACTTTCTGGAACATATGACATCAAGATAGACTTTTTCCTAGTGGCTTAGCTGGGCTTT 2220
QY 2221 TCATAGCAAACTTGTATATTTTAAATTTCTTTGTAATAATAA 2260
Db 2221 TCATAGCAAACTTGTATATTTTAAATTTCTTTGTAATAATAA 2260

RESULT 83
US-10-013-925A-118
; Sequence 118, Application US/10013925A
; Publication No. US20030216560A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C83
; CURRENT APPLICATION NUMBER: US/10/013,925A
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-013-925A-118

Query Match 99.7%; Score 2253; DB 16; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGTGCGAGTGGAGCGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
Db 1 CGGACGCTGGGTGCGAGTGGAGCGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
QY 61 GCTTAGCTGCTACGCGGCTCCGCGCGGCTCCGCGAGGGGCTCAGGAGGAGAAAGGA 120
Db 61 GCTTAGCTGCTACGCGGCTCCGCGCGGCTCCGCGAGGGGCTCAGGAGGAGAAAGGA 120
QY 121 GACACCTGCGAGATGCTCTGCTCCCTGGAGCTTGGCTCCGCTGCTCTCTCTCTGGG 180
Db 121 GACACCTGCGAGATGCTCTGCTCCCTGGAGCTTGGCTCCGCTGCTCTCTCTCTCTGGG 180
QY 181 TGGCAGGTGTTTTCGGGAAACCGCGGCTGCAAGGCTACGCGGTTGTTAGCATCGGCAC 240
Db 181 TGGCAGGTGTTTTCGGGAAACCGCGGCTGCAAGGCTACGCGGTTGTTAGCATCGGCAC 240
QY 241 GTCAGCTGGGTCTGTCTACTATGGAATGAACTGCGGCTGCTGCTGCTGCTGCTGCTG 300
Db 241 GTCAGCTGGGTCTGTCTACTATGGAATGAACTGCGGCTGCTGCTGCTGCTGCTGCTG 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGAATGTAAGTTTGTGAGTGGTGG 360
Db 301 ACAGCAAGGAGTCTGTGAGCTACATGCGAACCTGGAATGTAAGTTTGTGAGTGGTGG 360
QY 361 GACCAAAACAAATGCAAGTCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGTA 420
Db 361 GACCAAAACAAATGCAAGTCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGTA 420
QY 421 ATGAGTGTGGAATGAAACCCCGGCTGCAAGATGTCGAATACACACGGAAGCT 480
Db 421 ATGAGTGTGGAATGAAACCCCGGCTGCAAGATGTCGAATACACACGGAAGCT 480
QY 481 ACAAGTGTCTTTTGCCTCACTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540
Db 481 ACAAGTGTCTTTTGCCTCACTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540
QY 541 GGACATGTGCGATGATAAATCTGCTGAGTACAGCTGTCGAGACACAGAAAGGCGGCAAGT 600
Db 541 GGACATGTGCGATGATAAATCTGCTGAGTACAGCTGTCGAGACACAGAAAGGCGGCAAGT 600
QY 601 GCCTGTGTCATCTCTCAGGACTCCGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTG 660
Db 601 GCCTGTGTCATCTCTCAGGACTCCGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTG 660
QY 661 ATGAATGTGCTCTGCTGTAAGTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720
Db 661 ATGAATGTGCTCTGCTGTAAGTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720
QY 721 GAAGTACTACTGCAAAATGTCATATGTTTTCGAACTGCAATATATATATATATATATAT 780
Db 721 GAAGTACTACTGCAAAATGTCATATGTTTTCGAACTGCAATATATATATATATATATAT 780

LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION: unknown base
US-10-013-927A-118

Query Match		99.7%; Score 2253; DB 16; Length 2260;		Best Local Similarity 100.0%; Pred. No. 0;		Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	1	CGACCGCTGGTGGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGAGCGCGG	60				
Db	1	CGACCGCTGGTGGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGAGCGCGG	60				
QY	61	GCTTAGCTCTACGGGTCGCGGCGCGGCGGCTCCGAGGGGGCTCAGGAGAGAGAGGA	120				
Db	61	GCTTAGCTCTACGGGTCGCGGCGCGGCGGCTCCGAGGGGGCTCAGGAGAGAGAGGA	120				
QY	121	GGACCGCTGGAGTGCCTCTGCTGCTGAGGCGCTTGGCGTCCCGTGCTCTCTGGG	180				
Db	121	GGACCGCTGGAGTGCCTCTGCTGCTGAGGCGCTTGGCGTCCCGTGCTCTCTGGG	180				
QY	181	TGGCAGGTGCTTGGGAGGCGGCGGCGGCTGCAAGGCATCAGGGTGTAGCATGGCAC	240				
Db	181	TGGCAGGTGCTTGGGAGGCGGCGGCGGCTGCAAGGCATCAGGGTGTAGCATGGCAC	240				
QY	241	GTGAGCTGGGGTCTGTCACTATGGAATAACTGGGCTGTGTACGCTGGAGAGAA	300				
Db	241	GTGAGCTGGGGTCTGTCACTATGGAATAACTGGGCTGTGTACGCTGGAGAGAA	300				
QY	301	ACGACAGGAGTCTGTGAAGCTACATGCGAACCTGGATGAAGTTGGTGAAGTGGTGG	360				
Db	301	ACGACAGGAGTCTGTGAAGCTACATGCGAACCTGGATGAAGTTGGTGAAGTGGTGG	360				
QY	361	GACCAAAACAAATGAGATGCTTCCAGGATACACCGGGGAAACCTGCAGTCAAGATGA	420				
Db	361	GACCAAAACAAATGAGATGCTTCCAGGATACACCGGGGAAACCTGCAGTCAAGATGA	420				
QY	421	ATGAGTGTGAATGAACCCCGGCTGCAACACAGATGTGTGAATACACCGGAGCT	480				
Db	421	ATGAGTGTGAATGAACCCCGGCTGCAACACAGATGTGTGAATACACCGGAGCT	480				
QY	481	ACAAGTCTTTTGGCTCAGTGGGCAATGCTCATGCGCAGATGCTAGTGTGAATCTTA	540				
Db	481	ACAAGTCTTTTGGCTCAGTGGGCAATGCTCATGCGCAGATGCTAGTGTGAATCTTA	540				
QY	541	GGACATGTGCATGATAAATCTGTGATGAGTGTGAGACACAGAGAGGCGGACAGT	600				
Db	541	GGACATGTGCATGATAAATCTGTGATGAGTGTGAGACACAGAGAGGCGGACAGT	600				
QY	601	GCTGTGCTCCTCAGGAGTCCGCTGGCCCAATGAGAGAGTGTGTAGATATTG	660				
Db	601	GCTGTGCTCCTCAGGAGTCCGCTGGCCCAATGAGAGAGTGTGTAGATATTG	660				
QY	661	ATGAATGTGCTTGGTAAAGTCAATCTGCTCCCTACCAATGAGATGTGAAACATTTG	720				
Db	661	ATGAATGTGCTTGGTAAAGTCAATCTGCTCCCTACCAATGAGATGTGAAACATTTG	720				
QY	721	GAAGCTACTGCAATGCAATGCTGCTGCAATGCAATGCAATGCAATGCAATGCAATG	780				
Db	721	GAAGCTACTGCAATGCAATGCTGCTGCAATGCAATGCAATGCAATGCAATGCAATG	780				
QY	781	ACTGTATAGATATAAATGAATGTACTATGATGACCATGCTCCAGCCACCATGCCAAT	840				
Db	781	ACTGTATAGATATAAATGAATGTACTATGATGACCATGCTCCAGCCACCATGCCAAT	840				
QY	841	GCTTCAATACCAAGGCTCTTCAAGTGAATGCAAGCAGGATATAAGGCAATGGAC	900				
Db	841	GCTTCAATACCAAGGCTCTTCAAGTGAATGCAAGCAGGATATAAGGCAATGGAC	900				
QY	901	TTGCGTGTCTGCTATCCCTGAAAATCTGTGAGGAGTCTCTCAGAGCACTGGTACCA	960				
Db	901	TTGCGTGTCTGCTATCCCTGAAAATCTGTGAGGAGTCTCTCAGAGCACTGGTACCA	960				
QY	961	TCAAAGACAGAAATCAAGAGTGTGCTTGTCTCAAAAAACAGCATGAAAAGAGCGAAAA	1020				

Db	961	TCNAAGACAGAAATCAAGAGTGTGCTTGTCTCAAAAAACAGCATGAAAAGAGCGAAAA	1020				
QY	1021	TTAAAAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCGAGCCCT	1080				
Db	1021	TTAAAAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCGAGCCCT	1080				
QY	1081	TCAACTATGAGAGATAGTTCAGAGCGGGAACTCTCATGGAGGTAAAAAGGGAATG	1140				
Db	1081	TCAACTATGAGAGATAGTTCAGAGCGGGAACTCTCATGGAGGTAAAAAGGGAATG	1140				
QY	1141	AAGAGAAATGAAAGAGGGCTTGAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA	1200				
Db	1141	AAGAGAAATGAAAGAGGGCTTGAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA	1200				
QY	1201	CATAGAGAGCGAAGCCCTCGAGGAGATGTCTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260				
Db	1201	CATAGAGAGCGAAGCCCTCGAGGAGATGTCTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260				
QY	1261	ATTGCGCCTGATTCTTGGTCCAAAGGAAAGCGCTAACTTCCAAAATGGAACATAAGATTT	1320				
Db	1261	ATTGCGCCTGATTCTTGGTCCAAAGGAAAGCGCTAACTTCCAAAATGGAACATAAGATTT	1320				
QY	1321	AAATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA	1380				
Db	1321	AAATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA	1380				
QY	1381	AGATGATTTTGAATGGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440				
Db	1381	AGATGATTTTGAATGGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440				
QY	1441	TCGCGCTTGGCAGTTCACAGAAAGACATTTGGCGGATGAACTTCTCTACCTGACCT	1500				
Db	1441	TCGCGCTTGGCAGTTCACAGAAAGACATTTGGCGGATGAACTTCTCTACCTGACCT	1500				
QY	1501	GCAACCCCAAGCAACTTCTGTTTGTCTTGTATTCGCGCTGGCGGAGACAAAGTCGG	1560				
Db	1501	GCAACCCCAAGCAACTTCTGTTTGTCTTGTATTCGCGCTGGCGGAGACAAAGTCGG	1560				
QY	1561	GAAACTTCAGTGTGTTGTAAGAAAACAGTAAACATGCTGCGCTGGGAGAGAGACCCAG	1620				
Db	1561	GAAACTTCAGTGTGTTGTAAGAAAACAGTAAACATGCTGCGCTGGGAGAGAGACCCAG	1620				
QY	1621	TGAGGATGAAAAGTGGAGACAGGGAATAATTCAGTTGTATCAAGGAACTGTGTACCAA	1680				
Db	1621	TGAGGATGAAAAGTGGAGACAGGGAATAATTCAGTTGTATCAAGGAACTGTGTACCAA	1680				
QY	1681	ARGCATCAATTTTGAAGAGAGAACTGGGCAAGGCAAAAACCGGCGGAAATCGCAGTGGATGG	1740				
Db	1681	ARGCATCAATTTTGAAGAGAGAACTGGGCAAGGCAAAAACCGGCGGAAATCGCAGTGGATGG	1740				
QY	1741	CGTCTTGTGTTTCAAGGCTTATGTCCAGATAGCTTTTATCTGTGGATGACTGAATGTT	1800				
Db	1741	CGTCTTGTGTTTCAAGGCTTATGTCCAGATAGCTTTTATCTGTGGATGACTGAATGTT	1800				
QY	1801	ACTATCTTTATATTTGACTTGTGATGATGAGTTCCCTGGTTTTTTTGTGATTTGTCATCATAG	1860				
Db	1801	ACTATCTTTATATTTGACTTGTGATGATGAGTTCCCTGGTTTTTTTGTGATTTGTCATCATAG	1860				
QY	1861	GACCTCGCATTTTGAATTAAGTCTGAAATAATGTAATGTACCAACAGAAAAATTAT	1920				
Db	1861	GACCTCGCATTTTGAATTAAGTCTGAAATAATGTAATGTACCAACAGAAAAATTAT	1920				
QY	1921	TGTAAGATGCTTTCTTGTATAGATATCCAAATATTTGCTTTTAAATATCATCATCTGT	1980				
Db	1921	TGTAAGATGCTTTCTTGTATAGATATCCAAATATTTGCTTTTAAATATCATCATCTGT	1980				
QY	1981	ATCTTCTCAGTCAATTTGAACTCTTCCNCAATATATATAAAATNTGAAANGTCAGTT	2040				
Db	1981	ATCTTCTCAGTCAATTTGAACTCTTCCNCAATATATATAAAATNTGAAANGTCAGTT	2040				
QY	2041	TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTACAA	2100				

Db 2041 TATCTCCCTCTCNGTATATCTGATTGTGTATANGTANGTGTGCTCTCTCAAA 2100
Qy 2101 CATTTCTAGAAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGACCTCTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGACCTCTTATGAT 2160
Qy 2161 ACTTCTTGAAAATACATGACATCAAGATAGACTTTTGCCCTTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGAAAATACATGACATCAAGATAGACTTTTGCCCTTAAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAAACTTGTATATTATTTTATTTCTTTGTAATAATAA 2260
Db 2221 TCATAGCCAAACTTGTATATTATTTTATTTCTTTGTAATAATAA 2260

RESULT 85

US-10-145-093A-118
; Sequence 118, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-145-093A-118

Query Match 99.7%; Score 2253; DB 16; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
Db 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
Qy 61 GCTTAGCTGCTACGGGCTCCGGCCGGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGA 120
Db 61 GCTTAGCTGCTACGGGCTCCGGCCGGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGA 120
Qy 121 GGACCCGTGCGAGAATGCTCTGCTGCGCTGGAGCTTGGCTCCCGCTGCTCTCTCTGG 180
Db 121 GGACCCGTGCGAGAATGCTCTGCTGCGCTGGAGCTTGGCTCCCGCTGCTCTCTCTGG 180
Qy 181 TGGCAGGTGCTTTTCGGGAGCGGCGCCAGTGCAAGGCATCAACGGGTTGTTAGCATGGC 240
Db 181 TGGCAGGTGCTTTTCGGGAGCGGCGCCAGTGCAAGGCATCAACGGGTTGTTAGCATGGC 240
Qy 241 GTCAGCTGGGTCTGTCTACTATGGAATGAACTGAACTGAACTGAACTGAACTGAACT 300
Db 241 GTCAGCTGGGTCTGTCTACTATGGAATGAACTGAACTGAACTGAACTGAACTGAA 300
Qy 301 ACAGCAGGAGTCTGTGAGCTACATGCGAAGCTGAACTGAACTGAACTGAACTGAACT 360
Db 301 ACAGCAGGAGTCTGTGAGCTACATGCGAAGCTGAACTGAACTGAACTGAACTGAA 360
Qy 361 GACCAAACTGAGATGAGATGCTTTTCCAGGATACACCGGGGAAACCTGCGAGTGAAT 420
Db 361 GACCAAACTGAGATGAGATGCTTTTCCAGGATACACCGGGGAAACCTGCGAGTGAAT 420
Qy 421 ATGAGTGGAAATGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACT 480
Db 421 ATGAGTGGAAATGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAA 480
Qy 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGAACTCTA 540
Db 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGAACTCTA 540
Qy 541 GGACATGTCCTATGATTAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600
Db 541 GGACATGTCCTATGATTAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
Qy 601 GCCTGTGTCCATCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGCTCTAGATATTG 660
Db 601 GCCTGTGTCCATCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGCTCTAGATATTG 660
Qy 661 ATGAATGTGCTCTGGTAAAGTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720
Db 661 ATGAATGTGCTCTGGTAAAGTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720
Qy 721 GAAGCTACTACTGCAAAATGTCAATTTGGTTTGGAACTGCAATATATCACTGGACGAT 780
Db 721 GAAGCTACTACTGCAAAATGTCAATTTGGTTTGGAACTGCAATATATCACTGGACGAT 780
Qy 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCTAGCTGAGCCACCATTCCTAAT 840
Db 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCTAGCTGAGCCACCATTCCTAAT 840
Qy 841 GCTTCAATACCCAGGCTCCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900
Db 841 GCTTCAATACCCAGGCTCCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900

841 GCTTCAATACCCAGGGTCCCTCAAGTGAATGCAAGCGGATATATAAGGCAATGAC 900
901 TTCGGTGTTCGTATCCCTGAAAATTCCTGAAGGAAGTCTCAGACACCTGGTACCA 960
901 TTCGGTGTTCGTATCCCTGAAAATTCCTGAAGGAAGTCTCAGACACCTGGTACCA 960
961 TCAAGACAGATCAAGAGTTCCTGCTCACAAGAAACAGATGAAGAAAGGCAAAA 1020
961 TCAAGACAGATCAAGAGTTCCTGCTCACAAGAAACAGATGAAGAAAGGCAAAA 1020
1021 TTAATAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAACCTTGACGCCCT 1080
1021 TTAATAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAACCTTGACGCCCT 1080
1081 TCAACTATGAGAGATAGTTCCTGAGAGCGGGAATCTCATGAGGTAAAGGGAATG 1140
1081 TCAACTATGAGAGATAGTTCCTGAGAGCGGGAATCTCATGAGGTAAAGGGAATG 1140
1141 AAGAGAAATGAAAGAGGGGCTTGAGATGAGAGAAAGAGAAAGGCGCTGAGAAATGA 1200
1141 AAGAGAAATGAAAGAGGGGCTTGAGATGAGAGAAAGAGAAAGGCGCTGAGAAATGA 1200
1201 CATAGAGAGCGAAGCTCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCGAGTGA 1260
1201 CATAGAGAGCGAAGCTCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCGAGTGA 1260
1261 ATTCCGGCTGATTCCTGCTCAAGAGGAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
1261 ATTCCGGCTGATTCCTGCTCAAGAGGAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320
1321 AATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
1321 AATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
1381 AGATGATTTGACTGGAATCTCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440
1381 AGATGATTTGACTGGAATCTCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440
1441 TCCGGCTTGGCAGGTCACAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
1441 TCCGGCTTGGCAGGTCACAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTGTATACCGCTGGCGGAGACAAAGTCGG 1560
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTGTATACCGCTGGCGGAGACAAAGTCGG 1560
1561 GAAACTTCGAGTGTGTGTAAGAAACAGTAACTAATGCCCTGGCAATGCGAGTGGATGG 1620
1561 GAAACTTCGAGTGTGTGTAAGAAACAGTAACTAATGCCCTGGCAATGCGAGTGGATGG 1620
1621 TGAGGATGAAGTGGAGACGGGAATTCAGTTGTATCAAGNACTGATGCTTACCAA 1680
1621 TGAGGATGAAGTGGAGACGGGAATTCAGTTGTATCAAGNACTGATGCTTACCAA 1680
1681 AAGCATCATTTTGAAGCAGAGCTGGCAGGCAAAACCGGCAATCGCAGTGGATGG 1740
1681 AAGCATCATTTTGAAGCAGAGCTGGCAGGCAAAACCGGCAATCGCAGTGGATGG 1740
1741 CGTCTGCTGTTTTCAGCTTATGTCAGATAGCTTTTATCTGAGGATGACTGATGTT 1800
1741 CGTCTGCTGTTTTCAGCTTATGTCAGATAGCTTTTATCTGAGGATGACTGATGTT 1800
1801 ACTATCTTTATATTTGACTTGTATGTCAGTCCCTGGTTTTTTTGTATTTGATGATGATG 1860
1801 ACTATCTTTATATTTGACTTGTATGTCAGTCCCTGGTTTTTTTGTATTTGATGATGATG 1860
1861 GACCTCTGGCAATTTGAAATTAATGAGTGAAGAAATTTGATGATGATGATGATGATGAT 1920
1861 GACCTCTGGCAATTTGAAATTTACTAGTGAAGAAATTTGATGATGATGATGATGATGAT 1920
1921 TGTAAAGTGCCTTCTGTTGATTAAGATATGCAATATTTGCTTTAAATATCATATCATCTGT 1980
1921 TGTAAAGTGCCTTCTGTTGATTAAGATATGCAATATTTGCTTTAAATATCATATCATCTGT 1980

1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATATAAATNTGAAANGTCAGTT 2040
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATATAAATNTGAAANGTCAGTT 2040
2041 TATCTCCCTCTCTCTGATATATCTGATTTGTATANGTANGTCTCTCTCTACAA 2100
2041 TATCTCCCTCTCTCTGATATATCTGATTTGTATANGTANGTCTCTCTCTACAA 2100
2101 CATTTCTAGAAAATAGAAAAAGCAAGACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
2101 CATTTCTAGAAAATAGAAAAAGCAAGACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
2161 ACTTCTTGAAGAACTATGATCATCAAGATAGACTTTTGGCTTAAGTGGCTTACCTGGTCTT 2220
2161 ACTTCTTGAAGAACTATGATCATCAAGATAGACTTTTGGCTTAAGTGGCTTACCTGGTCTT 2220
2221 TCATAGCCAAACTTGTATATTTTAAATCTTTTGTAAATATAA 2260
2221 TCATAGCCAAACTTGTATATTTTAAATCTTTTGTAAATATAA 2260

RESULT 86

US-10-013-919A-118
; Sequence 118, Application US/10013919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Pong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Acids Encoding and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C85
; CURRENT APPLICATION NUMBER: US/10/013,919A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-013-919A-118

Query Match 99.7%; Score 2253, DB 16; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGCTGCGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
DB 1 CGGACGGCTGCGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
QY 61 GCTTAGCTGCTACGGGTGCGGCGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGTGCGGCGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GGACCCGCTGCAGAAATGCTCTGCGCTCGAGCGCTTGGGCTCCGCGCTGCTGCTCTCTGGG 180
DB 121 GGACCCGCTGCAGAAATGCTCTGCGCTCGAGCGCTTGGGCTCCGCGCTGCTGCTCTCTGGG 180
QY 181 TGGCAGGTGTTTGGGAAACCGCGCCAGTGCGAAGGCAATCAAGGTTGTTAGCATCGGCA 240
DB 181 TGGCAGGTGTTTGGGAAACCGCGCCAGTGCGAAGGCAATCAAGGTTGTTAGCATCGGCA 240
QY 241 GTCAGCTGGGGTCTGTCACTATGGAATAACTGAGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
DB 241 GTCAGCTGGGGTCTGTCACTATGGAATAACTGAGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACTGGAATGTAAGTTGTTGTTGTTGTTGTTG 360
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACTGGAATGTAAGTTGTTGTTGTTGTTGTTG 360
QY 361 GACCAACAAATGAGATGCTTTCCAGATACACCGGGAACCTCGAGTCAAGATGTGA 420
DB 361 GACCAACAAATGAGATGCTTTCCAGATACACCGGGAACCTCGAGTCAAGATGTGA 420
QY 421 ATGAGTGGAAATGAACCCCGGCAATGCCAACACAGATGTGGAATACACACGGAAGCT 480
DB 421 ATGAGTGGAAATGAACCCCGGCAATGCCAACACAGATGTGGAATACACACGGAAGCT 480
QY 481 ACAAGTGTCTTTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGTAACCTCTA 540
DB 481 ACAAGTGTCTTTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGTAACCTCTA 540
QY 541 GGACATGTGCCATGATAAATGTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCCACAGT 600
DB 541 GGACATGTGCCATGATAAATGTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCCACAGT 600
QY 601 GCTGTGTCCATCTCCAGATCTCGGCTGGCCGCAATGGAAGAGCTGCTAGATATTG 660
DB 601 GCTGTGTCCATCTCCAGATCTCGGCTGGCCGCAATGGAAGAGCTGCTAGATATTG 660
QY 661 ATGAATGTGCTCTGTTAAAGTCACTGTCTCTCAATCGAAGATGTGTGAACACACATTTG 720
DB 661 ATGAATGTGCTCTGTTAAAGTCACTGTCTCTCAATCGAAGATGTGTGAACACACATTTG 720
QY 721 GAGCTACTACTGGAATGTACATGTTTTCAGTTCGAACTGCAATATATCAGTGGAGATG 780
DB 721 GAGCTACTACTGGAATGTACATGTTTTCAGTTCGAACTGCAATATATCAGTGGAGATG 780

QY 781 ACTGTATAGATATAAATGAATGTAATGATGATGATGATGATGATGATGATGATGATGATGATG 840
DB 781 ACTGTATAGATATAAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840
QY 841 GCTTCAATATCCCAAGGGTCTTCAAGTGAATGCAAGCAGGAGATATAAAGGCAATGAGC 900
DB 841 GCTTCAATATCCCAAGGGTCTTCAAGTGAATGCAAGCAGGAGATATAAAGGCAATGAGC 900
QY 901 TTCGGTGTCTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCAGAGCACTCTGTGTACCA 960
DB 901 TTCGGTGTCTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCAGAGCACTCTGTGTACCA 960
QY 961 TCAAGAGCAGATCAAGAAAGTGTGCTGTCAGAAAGTCTCAGAGCACTCTGTGTACCA 1020
DB 961 TCAAGAGCAGATCAAGAAAGTGTGCTGTCAGAAAGTCTCAGAGCACTCTGTGTACCA 1020
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGACGACCT 1080
DB 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGACGACCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAAAGGGAATG 1140
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAAAGGGAATG 1140
QY 1141 AAGGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
DB 1141 AAGGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
QY 1201 CATAGAGAGCGAAGCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATTTGAGAGAGTGA 1260
DB 1201 CATAGAGAGCGAAGCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATTTGAGAGAGTGA 1260
QY 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAAGGCTTAATCCAACTGGACATATAAGATTT 1320
DB 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAAGGCTTAATCCAACTGGACATATAAGATTT 1320
QY 1321 AAATATCTCGGTTGACTGCAAGCTTCAATCATGGATCTGTGACTTGAAACAGGATAGAGA 1380
DB 1321 AAATATCTCGGTTGACTGCAAGCTTCAATCATGGATCTGTGACTTGAAACAGGATAGAGA 1380
QY 1381 AGATGATTTGACTGGAACTGCTGATGAGATTAATGCTATGCTGCTGCTGCTGCTGCTGCTG 1440
DB 1381 AGATGATTTGACTGGAACTGCTGATGAGATTAATGCTATGCTGCTGCTGCTGCTGCTGCTG 1440
QY 1441 TCCGGCTCTGCGAGGTCACAAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
DB 1441 TCCGGCTCTGCGAGGTCACAAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTGTATACCGGCTGGCGGAGACAAAGTGG 1560
DB 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTGTATACCGGCTGGCGGAGACAAAGTGG 1560
QY 1561 GAAACTTTCGAGTGTGTTGTAAGAAACAGTAAACATGTCCTGGCATGGGAGAGACACCGAG 1620
DB 1561 GAAACTTTCGAGTGTGTTGTAAGAAACAGTAAACATGTCCTGGCATGGGAGAGACACCGAG 1620
QY 1621 TGAGATGAAAGTGGAGAGACAGGAAATTTCAAGTTGTTATCAAGGAACTGATGTACCA 1680
DB 1621 TGAGATGAAAGTGGAGAGACAGGAAATTTCAAGTTGTTATCAAGGAACTGATGTACCA 1680
QY 1681 AAGCATCATTTTTGAAGCAGAACGTCGCAAGGCGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
DB 1681 AAGCATCATTTTTGAAGCAGAACGTCGCAAGGCGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
QY 1741 CGTCTTCTGTTTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTGTAATGTT 1800
DB 1741 CGTCTTCTGTTTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTGTAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCTGCTTTTGTATTTTGTATTCATCATAG 1860
DB 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCTGCTTTTGTATTTTGTATTCATCATAG 1860

QY 961 TCAGAGGAGCAATCAAGAGTGTCTTCTCACAACCAACAGCATGAAAAAGAGGCAAAA 1020
DB 961 TCAGAGGAGCAATCAAGAGTGTCTTCTCACAACCAACAGCATGAAAAAGAGGCAAAA 1020
QY 1021 TTAAGAAATGTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAATCTTGCAGCCCT 1080
DB 1021 TTAAGAAATGTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAATCTTGCAGCCCT 1080
QY 1081 TCACACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGAGGTGAATGAAGGGAATG 1140
DB 1081 TCACACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGAGGTGAATGAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGCGGCTTGAGAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
DB 1141 AAGAGAAATGAAGAGGCGGCTTGAGAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
QY 1201 CATAGAGGAGGAGCGAGCTCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGGAGTGA 1260
DB 1201 CATAGAGGAGGAGCGAGCTCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGGAGTGA 1260
QY 1261 ATTGGGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAACTCGAAACATAAAGATT 1320
DB 1261 ATTGGGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAACTCGAAACATAAAGATT 1320
QY 1321 AAATATCTCGCTTCACTGAGCTTCAATCATGAGTCTGATCGAGTGAATGATGATGATGATG 1380
DB 1321 AAATATCTCGCTTCACTGAGCTTCAATCATGAGTCTGATCGAGTGAATGATGATGATGATG 1380
QY 1381 AGATGATTTTCACTGGAATCTGCTGATCGAGTGAATGATGATGATGATGATGATGATGATG 1440
DB 1381 AGATGATTTTCACTGGAATCTGCTGATCGAGTGAATGATGATGATGATGATGATGATGATG 1440
QY 1441 TCCGCTTGGAGGTCACAGAAAGACATGCGGATGGAATGGAATGGAATGGAATGGAATGGAATG 1500
DB 1441 TCCGCTTGGAGGTCACAGAAAGACATGCGGATGGAATGGAATGGAATGGAATGGAATGGAATG 1500
QY 1501 GCAACCCCAAGCACTTCTGCTTCTGATGATGATGATGATGATGATGATGATGATGATGATG 1560
DB 1501 GCAACCCCAAGCACTTCTGCTTCTGATGATGATGATGATGATGATGATGATGATGATGATG 1560
QY 1561 GAACTTCGAGTGTGTTGAAAGAACAGTAACATGCGCTGCGATGCGAGAGAGAGAGAGAGAG 1620
DB 1561 GAACTTCGAGTGTGTTGAAAGAACAGTAACATGCGCTGCGATGCGAGAGAGAGAGAGAGAG 1620
QY 1621 TGAGATGAAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1680
DB 1621 TGAGATGAAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1680
QY 1681 AAGCATCATTTTGAAGCAGAACGTTGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGG 1740
DB 1681 AAGCATCATTTTGAAGCAGAACGTTGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGG 1740
QY 1741 CGCTCTGCTGTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGATGATGATGATGATG 1800
DB 1741 CGCTCTGCTGTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGATGATGATGATGATG 1800
QY 1801 ACTATCTTTATATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1860
DB 1801 ACTATCTTTATATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1860
QY 1861 GACCTCTGCAATTTAGAAATTTAGCTGAAATTTAGCTGAAATTTAGCTGAAATTTAGCTGAA 1920
DB 1861 GACCTCTGCAATTTAGAAATTTAGCTGAAATTTAGCTGAAATTTAGCTGAAATTTAGCTGAA 1920
QY 1921 TGAAGATGCTTTCTTGTATGAATATGCAATATTTGCTTTTAAATPATCATATCATGTT 1980
DB 1921 TGAAGATGCTTTCTTGTATGAATATGCAATATTTGCTTTTAAATPATCATATCATGTT 1980
QY 1981 ATCTCTCAGTCAATTTCTGATCTTCCNCAATATATATATATATATATATATATATATATAT 2040
DB 1981 ATCTCTCAGTCAATTTCTGATCTTCCNCAATATATATATATATATATATATATATATATAT 2040
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGT 2100

DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGT 2100
QY 2101 CATTTCTAGAAAATAGAAAATAGCAAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
DB 2101 CATTTCTAGAAAATAGAAAATAGCAAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160
QY 2161 ACTTTCTGAAAATCTATGACATCAAGAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220
DB 2161 ACTTTCTGAAAATCTATGACATCAAGAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220
QY 2221 TCATAGCCAAACTTGTATATTTAAATCTTTTGTAAATAAA 2260
DB 2221 TCATAGCCAAACTTGTATATTTAAATCTTTTGTAAATAAA 2260

RESULT 88
US-10-058-270A-101
; Sequence 101, Application US/10058270A
; Publication No. US20040029114A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Afar, Daniel
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and
; TITLE OF INVENTION: Methods of Screening for Modulators of Breast Cancer
; FILE REFERENCE: 018501-00521005
; CURRENT APPLICATION NUMBER: US/10/058,270A
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/263,965
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/265,928
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 09/829,472
; PRIOR FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: US 60/282,698
; PRIOR FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: US 60/288,590
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/294,443
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 141
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 2398
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-058-270A-101

Query Match 98.2%; Score 2219.2; DB 13; Length 2398;
Best Local Similarity 99.5%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 2; Gaps 2;
QY 8 GTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCGGCTTAGC 67
DB 114 GTAACCTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGGCGGCTTAGC 173
QY 68 TGCTACGCGGCTCGGCGCGGCGGCTCCGAGGCGGCGCTCAGGAGAGAGAGAGGAGGAGCCG 127
DB 174 TGCTACGCGGCTCGGCGCGGCGGCTCCGAGGCGGCGCTCAGGAGAGAGAGAGGAGGAGCCG 233
QY 128 TGGCAGATGCTCTGCGCTCGGAGGCTTGGCTCCGCTGCTGCTCTCTCTCTCTCTCTCTCTCT 187
DB 234 TGGCAGATGCTCTGCGCTCGGAGGCTTGGCTCCGCTGCTGCTCTCTCTCTCTCTCTCTCTCT 293
QY 188 TGGTTTTCGGAACCGCGCCAGTGCAGGCAATCAGGGTGTGTTAGCATTCGCGCAGTCCAGCC 247
DB 294 TGGTTTTCGGAACCGCGCCAGTGCAGGCAATCAGGGTGTGTTAGCATTCGCGCAGTCCAGCC 353
QY 248 TGGGCTCTGCTCACTATCGAACTAACTGGCTCTGCTCTGGCTGAGAGAGAGAGAGAGAGAG 307
DB 354 TGGGCTCTGCTCACTATCGAACTAACTGGCTCTGCTCTGGCTGAGAGAGAGAGAGAGAGAG 413

QY 308 GGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGCCTGGGACCAAA 367
DB 414 GGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGCCTGGGACCAAA 473
QY 368 CAAAATGACATGCTTTCCAGGATACACCGGGAACCTGCGAGTCAAGATGTAAGTGAAGT 427
DB 474 CAAAATGACATGCTTTCCAGGATACACCGGGAACCTGCGAGTCAAGATGTAAGTGAAGT 533
QY 428 TGAATGAAACCCCGGCCATGCAACACACAGATGTTGTAATACACACGGAAGCTACAAAGT 487
DB 534 TGAATGAAACCCCGGCCATGCAACACACAGATGTTGTAATACACACGGAAGCTACAAAGT 593
QY 488 CTTTTCCTCAGTGGCCATGCTCATGCCAGATGCTACGTTGTGTGAATCTAGACATG 547
DB 594 CTTTTCCTCAGTGGCCATGCTCATGCCAGATGCTACGTTGTGTGAATCTAGACATG 653
QY 548 TGCCATGATAAATCTGTCACTACAGTGTGGAACACACAGAGAGGCGCACAGTCCCTGTG 607
DB 654 TGCCATGATAAATCTGTCACTACAGTGTGGAACACACAGAGAGGCGCACAGTCCCTGTG 713
QY 608 TGCATCTCAGAGCTCCGCTCGGCCCTCAATGGAAGAGAGCTGTGTAGATATGTAAGT 667
DB 714 TGCATCTCAGAGCTCCGCTCGGCCCTCAATGGAAGAGAGCTGTGTAGATATGTAAGT 773
QY 668 TGCCTCTGTAAGTCACTGTCTCCTACAAATCGAAGATGTGTGAACACATTTGGAAGCTA 727
DB 774 TGCCTCTGTAAGTCACTGTCTCCTACAAATCGAAGATGTGTGAACACATTTGGAAGCTA 833
QY 728 CTACTGCAAAATGTCAATTTGGTTTGGAACTGCAATATATCATGTGGAACGATGACTGTAT 787
DB 834 CTACTGCAAAATGTCAATTTGGTTTGGAACTGCAATATATCATGTGGAACGATGACTGTAT 893
QY 788 AGATATAAATGAATGTACTGTATGATAGCAATACGTGCGAGCCACCATGCGCAATTCCTCAA 847
DB 894 AGATATAAATGAATGTACTGTATGATAGCAATACGTGCGAGCCACCATGCGCAATTCCTCAA 953
QY 848 TACCCAGGGTCTTCAAGTGAATGCAAGCAGGATATAAAGGCAATGAGCTTCGGT 907
DB 954 TACCCAGGGTCTTCAAGTGAATGCAAGCAGGATATAAAGGCAATGAGCTTCGGT 1013
QY 908 TTTCTGTATCTCCCTGAAATTTCTGCAAGGAGTCTCTCAGAGCAGCTGTACCATCAAGA 967
DB 1014 TTTCTGTATCTCCCTGAAATTTCTGCAAGGAGTCTCTCAGAGCAGCTGTACCATCAAGA 1073
QY 968 CAGAATCAAGAAGTTGCTTGTCTCAAAAACAGCATGAAAGAGGCAAAAATTTAAAAA 1027
DB 1074 CAGAATCAAGAAGTTGCTTGTCTCAAAAACAGCATGAAAGAGGCAAAAATTTAAAAA 1133
QY 1028 TGTATCCCGAGAACCCAGGACTCTACCTCCTAAGGTGAATGAGCTTCAGCCCTCAACTA 1087
DB 1134 TGTATCCCGAGAACCCAGGACTCTACCTCCTAAGGTGAATGAGCTTCAGCCCTCAACTA 1193
QY 1088 TGAAGAGATAGTTTCCAGAGGGGAACTCTCATGGAGGTAAAAAGGGAATGAAGAG-A 1146
DB 1194 TGAAGAGATAGTTTCCAGAGGGGAACTCTCATGGAGGTAAAAAGGGAATGAAGAGAA 1253
QY 1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGA 1206
DB 1254 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGA 1313
QY 1207 GGAGCGAAGCTTCGAGGAGAGATGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266
DB 1314 GGAGCGAAGCTTCGAGGAGAGATGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1373
QY 1267 CTTGATTTCTGCTCAAGAGAAAGCGCTAATCTCCAACTCGGAACATAAAGATTTAAATAT 1326
DB 1374 CTTGATTTCTGCTCAAGAGAAAGCGCTAATCTCCAACTCGGAACATAAAGATTTAAATAT 1433
QY 1327 CTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAGATGA 1386
DB 1434 CTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAGATGA 1493

QY 1387 TTTTGACTGGAAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCGGC 1446
DB 1494 TTTTGACTGGAAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCGGC 1553
QY 1447 CTTTGACAGTCAAGAGAAAGACATTGGCCGATTCGAACCTTCTCTCTCTCTCTCTCTCTCT 1506
DB 1554 CTTTGACAGTCAAGAGAAAGACATTGGCCGATTCGAACCTTCTCTCTCTCTCTCTCTCTCT 1613
QY 1507 CCAAAGCAACTTCTGTTTGTCTTTGTATTACCGGCTCGCCGAGACAAAGTTCGGGAAACT 1566
DB 1614 CCAAAGCAACTTCTGTTTGTCTTTGTATTACCGGCTCGCCGAGACAAAGTTCGGGAAACT 1673
QY 1567 TCGAGTGTGTTGTAAGAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAAC 1626
DB 1674 TCGAGTGTGTTGTAAGAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAAC 1733
QY 1627 TGAAGAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATCTACCAAAAGCAT 1686
DB 1734 TGAAGAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATCTACCAAAAGCAT 1793
QY 1687 CATTTTGAAGCAGAAACGTGCGAAGGGGCAAAACCGGCGAAATCGCAGTGGATGGCGTCTT 1746
DB 1794 CATTTTGAAGCAGAAACGTGCGAAGGGGCAAAACCGGCGAAATCGCAGTGGATGGCGTCTT 1853
QY 1747 GCTTCTTTTCAAGGCTTATGTCAGATAGCTTTTATCTGTGTGATGACTGAAATGTTTACTATC 1806
DB 1854 GCTTCTTTTCAAGGCTTATGTCAGATAGCTTTTATCTGTGTGATGACTGAAATGTTTACTATC 1913
QY 1807 TTTATATTTGATTTGATGTCAGTTCCTGCTGTTTTTTTGTATTTGATTTGATTTGATTTGATTT 1866
DB 1914 TTTATATTTGATTTGATGTCAGTTCCTGCTGTTTTTTTGTATTTGATTTGATTTGATTTGATTT 1973
QY 1867 TGGCATTTTGAAGTACTGCTGAAATAATGTAATGTACCAACAGAAATATTTTGTAAAG 1926
DB 1974 TGGCATTTTGAAGTACTGCTGAAATAATGTAATGTACCAACAGAAATATTTTGTAAAG 2033
QY 1927 ATGCCCTTTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGATCTTC 1986
DB 2034 ATGCCCTTTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGATCTTC 2093
QY 1987 TCAGTCAATTTCTGAATCTTTCCNCAATATATTAATAATNTGAAANGTCAGTTTATCTC 2046
DB 2094 TCAGTCAATTTCTGAATCTTTCCNCAATATATTAATAATNTGAAANGTCAGTTTATCTC 2153
QY 2047 CCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGTANGT 2106
DB 2154 CCCTCCTCAGTATATCTGATTTGTATAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 2213
QY 2107 TAGAAAATAGAAAAGAACACAGAGAAATGTTTTAACTGTTTGAATCTTATGATCTTCT 2166
DB 2214 TAGAAAATAGAAAAGAACACAGAGAAATGTTTTAACTGTTTGAATCTTATGATCTTCT 2273
QY 2167 TGAAGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGTCTTTATAG 2226
DB 2274 TGAAGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGGTCTTTATAG 2333
QY 2227 CCARACTTGTATATTT-AAATCTTTTGTAAATAATAA 2260
DB 2334 CCARACTTGTATATTTAAATCTTTTGTAAATAATAA 2368

RESULT 89

US-10-342-887-1565
; Sequence 1565, Application US/10342887
; Publication No. US20040058340A1
; GENERAL INFORMATION:
; APPLICANT: Dai, Hongyue
; APPLICANT: He, Yudong
; APPLICANT: Linsley, Peter S.
; APPLICANT: Mao, Mao
; APPLICANT: Roberts, Christopher J.
; APPLICANT: Van 't Veer, Laura Johanna
; APPLICANT: Van de Vijver, Marc J.

APPLICANT: Bernards, Rene
; TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
; FILE REFERENCE: 9301-188-999
; CURRENT APPLICATION NUMBER: US/10/342,887
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 60/298,918
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: 60/380,710
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 10/172,118
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 2699
; SEQ ID NO 1565
; LENGTH: 2398
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-342-887-1565

Query Match	98.2%;	Score 2219.2;	DB 13;	Length 2398;
Best Local Similarity	99.5%;	Pred. No. 0;		
Matches 2243;	Conservative	0;	Mismatches 10;	Indels 2;
				Gaps 2;
Qy	8	GTGGGTCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGCGCGCTTAGC	67	
Db	114	GTAACTCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGCGCGCTTAGC	173	
Qy	68	TGCTACCGGGTCCCGCGCGCGCTCCCGAGGGGGCTCAGGAGGAGGAGGAGGACCCG	127	
Db	174	TGCTACCGGGTCCCGCGCGCGCTCCCGAGGGGGCTCAGGAGGAGGAGGAGGACCCG	233	
Qy	128	TGCAGAAATGCTCTGCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	187	
Db	234	TGCAGAAATGCTCTGCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	293	
Qy	188	TGGTTTCGGGAAACCGCGCGCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	247	
Db	294	TGGTTTCGGGAAACCGCGCGCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	353	
Qy	248	TGGGGTCTGTCATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	307	
Db	354	TGGGGTCTGTCATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	413	
Qy	308	GGGAGTCTGTAAGCTACATGCGAAGCTGATGTAAGTTGGTGGTGGTGGGACCAA	367	
Db	414	GGGAGTCTGTAAGCTACATGCGAAGCTGATGTAAGTTGGTGGTGGTGGGACCAA	473	
Qy	368	CAATGCGAGATGCTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGTGAATGAGTG	427	
Db	474	CAATGCGAGATGCTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGTGAATGAGTG	533	
Qy	428	TGGAAATGAAACCCCGCGCATGCCAACAAGATGTGTGAATACACCGGAGGCTACAAAGTG	487	
Db	534	TGGAAATGAAACCCCGCGCATGCCAACAAGATGTGTGAATACACCGGAGGCTACAAAGTG	593	
Qy	488	CTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGAACTTAGGACATG	547	
Db	594	CTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGAACTTAGGACATG	653	
Qy	548	TGCCATGATAAGTCTGAGTACAGTGTGAAGACACAGAGAGGAGGAGGAGGAGGAGGAGG	607	
Db	654	TGCCATGATAAGTCTGAGTACAGTGTGAAGACACAGAGAGGAGGAGGAGGAGGAGGAGG	713	
Qy	608	TCCATCTCTCAGGAGTCCGCGCTGGCCCAATGGAAGAGAGTGTCTAGATATTGATGAATG	667	
Db	714	TCCATCTCTCAGGAGTCCGCGCTGGCCCAATGGAAGAGAGTGTCTAGATATTGATGAATG	773	
Qy	668	TGCCCTCTGTAAGTCTGCTCCCTACATCGAAGATGTGTGAACACATTTTGGAGCTA	727	
Db	774	TGCCCTCTGTAAGTCTGCTCCCTACATCGAAGATGTGTGAACACATTTTGGAGCTA	833	
Qy	728	CTACTGCAAAATGTACATTTGTTTTCGAACTGCAATATATCAGTGGAGGAGATGACTGTAT	787	
Db	834	CTACTGCAAAATGTACATTTGTTTTCGAACTGCAATATATCAGTGGAGGAGATGACTGTAT	893	

Qy	788	AGATATAAATGAATGTACTATGGATAGCCATACGTGCGAGCCACCATGCTTCAAA	847	
Db	894	AGATATAAATGAATGTACTATGGATAGCCATACGTGCGAGCCACCATGCTTCAAA	953	
Qy	848	TACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGAGCTTCGGTG	907	
Db	954	TACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGAGCTTCGGTG	1013	
Qy	908	TTCTGCTATCCCTGAAAAATCTGTGAAGAGAGTCTCTAGAGCAGCTGTGATCAACAAGA	967	
Db	1014	TTCTGCTATCCCTGAAAAATCTGTGAAGAGAGTCTCTAGAGCAGCTGTGATCAACAAGA	1073	
Qy	968	CAGAATCAAGAAATGCTTGTCTCAAAAAACAGCATGAAAAAGGCAAAATTTAAAAA	1027	
Db	1074	CAGAATCAAGAAATGCTTGTCTCAAAAAACAGCATGAAAAAGGCAAAATTTAAAAA	1133	
Qy	1028	TGTTACCCAGAAACCCACAGAGCTCTACCCCTAAGGTGAATCTGACGCTTCAACTA	1087	
Db	1134	TGTTACCCAGAAACCCACAGAGCTCTACCCCTAAGGTGAATCTGACGCTTCAACTA	1193	
Qy	1088	TGAAGAGATAGTTTCCAGAGGCGGAACTCTCATGAGGCTAAAAAGGAAATGAAGAG-A	1146	
Db	1194	TGAAGAGATAGTTTCCAGAGGCGGAACTCTCATGAGGCTAAAAAGGAAATGAAGAGAA	1253	
Qy	1147	AATGAAAGAGGGGCTTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGACATAGA	1206	
Db	1254	AATGAAAGAGGGGCTTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGACATAGA	1313	
Qy	1207	GGAGCAAGCCTCGCAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG	1266	
Db	1314	GGAGCAAGCCTCGCAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG	1373	
Qy	1267	CTTGATTTCTGGTCCAAAGGAAAGCGCTAACTTTCCAAACATGGAACATAAAGATTTAAATAT	1326	
Db	1374	CTTGATTTCTGGTCCAAAGGAAAGCGCTAACTTTCCAAACATGGAACATAAAGATTTAAATAT	1433	
Qy	1327	CTCGGTGATCTGAGGATCAATCATGAGGATCTGACCTGGAACAGGATAGAGAGATGA	1386	
Db	1434	CTCGGTGATCTGAGGATCAATCATGAGGATCTGACCTGGAACAGGATAGAGAGATGA	1493	
Qy	1387	TTTTTGAATGCTGCTGATCGAGATAATGCTATTGGCTTTCTATATGCGAGTTTCGGC	1446	
Db	1494	TTTTTGAATGCTGCTGATCGAGATAATGCTATTGGCTTTCTATATGCGAGTTTCGGC	1553	
Qy	1447	CTTGGCAGGTCAAGAGAGACATTTGGCGGATGGAACCTTCTCTACCTGACCTGCAACC	1506	
Db	1554	CTTGGCAGGTCAAGAGAGACATTTGGCGGATGGAACCTTCTCTACCTGACCTGCAACC	1613	
Qy	1507	CCAAAGCACTTCTGTTGCTCTTTGATTTACCGGCTGGCGGAGACAAAGTCGGGAACT	1566	
Db	1614	CCAAAGCACTTCTGTTGCTCTTTGATTTACCGGCTGGCGGAGACAAAGTCGGGAACT	1673	
Qy	1567	TGAGTGTGTTGAAAAACAGTAAACATGCTGCGATGGGAGAGACACAGGTGAGGA	1626	
Db	1674	TGAGTGTGTTGTTGAAAAACAGTAAACATGCTGCGATGGGAGAGACACAGGTGAGGA	1733	
Qy	1627	TGAAAAAGTGAAGACAGGAAAAATTCAGTTGTATCAAGAACTGATGTACAAAAAGCAT	1686	
Db	1734	TGAAAAAGTGAAGACAGGAAAAATTCAGTTGTATCAAGAACTGATGTACAAAAAGCAT	1793	
Qy	1687	CATTTTGAAGACAGGAGCTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGGGCTTT	1746	
Db	1794	CATTTTGAAGACAGGAGCTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGGGCTTT	1853	
Qy	1747	GCCTGTTTCAAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTTACTATC	1806	
Db	1854	GCCTGTTTCAAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTTACTATC	1913	
Qy	1807	TTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTTTGTGATTTGCAATCAGGACCTC	1866	
Db	1914	TTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTTTGTGATTTGCAATCAGGACCTC	1973	

QY	1867	TGGCATTTTGAAATTA	CTAGCTGAAAATTTG	TTAATGTACCAACAGAA	TATATTGTAAG	1326
DB	1974	TGGCATTTTGAAATTA	CTAGCTGAAAATTTG	TTAATGTACCAACAGAA	TATATTGTAAG	2033
QY	1927	ATGCGTTTCTTTGTTA	AGATATGCCAATATT	TTGCTTTTAAATATCAT	ATCACTGTATCTTC	1986
DB	2034	ATGCGTTTCTTTGTTA	AGATATGCCAATATT	TTGCTTTTAAATATCAT	ATCACTGTATCTTC	2093
QY	1987	TCAGTCATTTCTGAAAT	CTTTCCACATATATAT	TAATAATTCGAAATTC	TCAGTTTATCTC	2046
DB	2094	TCAGTCATTTCTGAAAT	CTTTCCACATATATAT	TAATAATTCGAAATTC	TCAGTTTATCTC	2153
QY	2047	CCCTCCTCNGTATATCT	GAATTTGTATANGTCTT	GATNGCTTCTCTCAACA	ATTCTC	2106
DB	2154	CCCTCCTCAGTATATCT	GAATTTGTATANGTCTT	GATNGCTTCTCTCAACA	ATTCTC	2213
QY	2107	TAGAAATATAGAAAATA	AGACACAGAGAAATG	TTTAACTGTTTGACTCTT	TATGATACTTCT	2166
DB	2214	TAGAAATATAGAAAATA	AGACACAGAGAAATG	TTTAACTGTTTGACTCTT	TATGATACTTCT	2273
QY	2167	TGGAAACTATGACATCA	AAAGATAGACTTTTGC	CTAAAGTGGCTTAGCTG	GGTCTTTCATAG	2266
DB	2274	TGGAAACTATGACATCA	AAAGATAGACTTTTGC	CTAAAGTGGCTTAGCTG	GGTCTTTCATAG	2333
QY	2227	CCAAACTTGTATATT	TTAACTTTTGTAAATAA	AA 2260		
DB	2334	CCAAACTTGTATATT	TTAACTTTTGTAAATAA	AA 2368		

RESULT 90

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Sequence 1565, Application US/10172118

Publication No. US20030224374A1

GENERAL INFORMATION:

APPLICANT: Dai, Hongyue

APPLICANT: He, Yudong

APPLICANT: Linsley, Peter

APPLICANT: Mao, Mao

APPLICANT: Roberts, Chris

APPLICANT: Van 't Veer, Laura

APPLICANT: Bernards, Rene

TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients

FILE REFERENCE: 9301-175-999

CURRENT APPLICATION NUMBER: US/10/172,118

CURRENT FILING DATE: 2002-06-14

PRIOR APPLICATION NUMBER: 60/380,770

PRIOR FILING DATE: 2002-05-14

NUMBER OF SEQ ID NOS: 2699

SEQ ID NO 1565

LENGTH: 2398

TYPES: DNA

ORGANISM: Homo sapiens

PUBLICATION INFORMATION:

DATABASE ACCESSION NUMBER: NM_015507

DATABASE ENTRY DATE: 2001-06-18

US-10-172-118-1565

Query Match 98.2%; Score 2219.2; DB 13; Length 2398;
Best Local Similarity 99.5%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 2; Gaps 2

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68	TGCTACGGGGTCCGGCGCGGCGCCCTCCGAGGGGGGCTCAGAGGAGAAAGGAGGACCGG	127
174	TGCTACGGGGTCCGGCGCGGCGCCCTCCGAGGGGGGCTCAGAGGAGAAAGGAGGACCGG	233
128	TGCGAGAAATGCCTCTGCGCTGTGAGACCTTCGCGTCCCGTGTGCTCTCTCGGTGGCAGG	187
234	TGCGAGAAATGCCTCTGCGCTGTGAGACCTTCGCGTCCCGTGTGCTCTCTCGGTGGCAGG	293

QY	188	TGGTTTCGGGAACCGCGCCAGTGC	AAAGGCATCACGGGTGT	TAGCATCGGCACGCTCAGCC	247
DB	294	TGGTTTCGGGAACCGCGCCAGTGC	AAAGGCATCACGGGTGT	TAGCATCGGCACGCTCAGCC	353
QY	248	TGGGGTCTGTCACTAT	TGGAACTAAACTCGCCCTGCTGCTACCGCTTGGAGAA	GAACACAGCAA	307
DB	354	TGGGGTCTGTCACTAT	TGGAACTAAACTCGCCCTGCTGCTACCGCTTGGAGAA	GAACACAGCAA	413
QY	308	GGGAGTCTGTGAAGCTACAT	TCGGAACCTCGATGTAAAGTTTGGTGA	GTGCGTGGGACCAAA	367
DB	414	GGGAGTCTGTGAAGCTACAT	TCGGAACCTCGATGTAAAGTTTGGTGA	GTGCGTGGGACCAAA	473
QY	368	CAAAATGCAGATGCTTTTCCAGGATACACCGGGGAAAACTCGCAGTCAAAGATGTGAATGAAGTG			427
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QY	608	TCCATCCTCAGGACTCGCCCTCGGCCCAATGGAAGAGACTCTCTAGATATTGATGAATG			667
DB	714	TCCATCCTCAGGACTCGCCCTCGGCCCAATGGAAGAGACTCTCTAGATATTGATGAATG			773
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QY	788	AGATATAATGAAATGTAAGTATGGAATAGCCATACGTGACGACCACTGGTACCATCAAA			847
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DB 1974 TGGCAATTTTGAATTTACTAGCTGAAAATTTGATGTACCAACAGAAAATTTATTGTAAG 2033
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DB 2034 ATGCTTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCATCTGTATCTTC 2093
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DB 2214 TAGAAATAGAAAAGAAAAGCAGAGAAATGTTTAACTGTTTGCATCTTATGATCTTCT 2273
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RESULT 91

US-10-295-027-493

; Sequence 493, Application US/10295027

; Publication No. US20030232350A1

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; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; FILE OF INVENTION: Methods of Screening for Modulators of Cancer
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 493
; LENGTH: 2398
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-295-027-493
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Query Match 98.2%; Score 2219.2; DB 16; Length 2398;
Best Local Similarity 99.5%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 2; Gaps 2;

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DB 114 GTAACGAGTGGAGCGGAGGACCGGCGCTGAGGAGAGAGAGGCGCGGCTTAGC 173
QY 68 TGCTACGGGTCGGGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGAGGAGACCG 127
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QY 128 TGCCAGAAATGCTCTGCTGCGCTGGAGGCTTGGCTCCCGCTGCTGCTCTCTCTGGGTCAGG 187
DB 234 TGCCAGAAATGCTCTGCTGCGCTGGAGGCTTGGCTCCCGCTGCTGCTCTCTCTGGGTCAGG 293
QY 188 TGGTTTCGGGAAACGGGCGCAGTCAAGGCAATACCGGGTTGTTAGCATCGGCACTCAGCC 247
DB 294 TGGTTTCGGGAAACGGGCGCAGTCAAGGCAATACCGGGTTGTTAGCATCGGCACTCAGCC 353
QY 248 TGGGGTCTGTCACTATGGAATCAACTGGGCTCTCTACGGCTGGAGAGAGAAACAGCAA 307
DB 354 TGGGGTCTGTCACTATGGAATCAACTGGGCTCTCTACGGCTGGAGAGAGAAACAGCAA 413
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QY 1387 TTTTGACTGGAATCTCTGATCCAGATATGCTATTGGCTTCTATATGGCAGTTCCGGC 1446
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RESULT 94

US-10-173-999-45

; Sequence 45, Application US/10173999

; Publication No. US20040005563A1

; GENERAL INFORMATION:

; APPLICANT: Mack, David H.

; APPLICANT: Gish, Kurt C.

; APPLICANT: Eos Biotechnology, Inc.

; TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions

; TITLE OF INVENTION: and Methods of Screening for Modulators of Ovarian

; TITLE OF INVENTION: Cancer

; FILE REFERENCE: 018501-002420US

; CURRENT APPLICATION NUMBER: US/10/173,999

; CURRENT FILING DATE: 2002-06-17

; PRIOR APPLICATION NUMBER: US 60/299,234

; PRIOR FILING DATE: 2001-06-18

; PRIOR APPLICATION NUMBER: US 60/315,287

; PRIOR FILING DATE: 2001-08-27

; PRIOR APPLICATION NUMBER: US 60/350,666

; PRIOR FILING DATE: 2001-11-13

; PRIOR APPLICATION NUMBER: US 60/372,246

; PRIOR FILING DATE: 2001-04-12

; NUMBER OF SEQ ID NOS: 163

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 45

; LENGTH: 2398

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-173-999-45

Query Match

Best Local Similarity 98.2%; Score 2219.2; DB 16; Length 2398;

Matches 2243; Conservative 0; Mismatches 10; Indels 2; Gaps 2;

QY 8 GTGGGTGCGAGTGGAGGAGCCGAGCGGCTCAGGAGAGGAGGCGGGCTTAGC 67
Db 114 GTAACTGCGAGTGGAGGAGCCGAGCGGCTGAGGAGAGGAGGCGGGCTTAGC 173
QY 68 TGCTACGGGGTCCGGCCGCGCCCTCCCGAGGGGGCTCCAGGAGGAGGAGGAGCCG 127
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Qy 1987 TCAGTCAATTTCTGAATCTTTCCNCAATTTATATTAATAAATNTGGAANGTCAGTTTATCTC 2046
Db 2094 TCAGTCAATTTCTGAATCTTTCCNCAATTTATATTAATAAATNTGGAANGTCAGTTTATCTC 2153
Qy 2047 CCCTCTCTGATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGTANGT 2106
Db 2154 CCCTCTCTGATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANGTANGT 2213
Qy 2107 TAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTATGATATCTTCT 2166
Db 2214 TAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTATGATATCTTCT 2273
Qy 2167 TGAAGACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGGCTTTTCATAG 2226
Db 2274 TGAAGACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGGCTTTTCATAG 2333
Qy 2227 CCAAACTTGTATATTTT-AAATCTTTGTAATAATAA 2260
Db 2334 CCAAACTTGTATATTTTAAATTTCTTTGTAATAATAA 2368

RESULT 95

US-10-188-832-188

Db 562 TGGAAATGAATCCCGGCAATGCCAACACACAGATGTGTAAATACACACGGAAGCTACAAGT 621
QY 488 CTTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTCTAGACATG 547
Db 622 CTTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTCTAGACATG 681
QY 548 TGCATGATAAATCTGTCAGTACAGTGTGTGAAGACACAGAAAGAGGGCCACAGTGCCTGTG 607
Db 682 TGCATGATAAATCTGTCAGTACAGTGTGTGAAGACACAGAAAGAGGGCCACAGTGCCTGTG 741
QY 608 TCCATCTCAGGACTCCGCTGCGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG 667
Db 742 TCCATCTCAGGACTCCGCTGCGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG 801
QY 668 TGCCTCTGTAAGTCAATCTGTCCTCAATTCGAAGATGTGTGAACACATTTTGGAGCTA 727
Db 802 TGCCTCTGTAAGTCAATCTGTCCTCAATTCGAAGATGTGTGAACACATTTTGGAGCTA 861
QY 728 CTACTGCAATGTCAATCTGTCCTCAATTCGAAGATGTGTGAACACATTTTGGAGCTA 787
Db 862 CTACTGCAATGTCAATCTGTCCTCAATTCGAAGATGTGTGAACACATTTTGGAGCTA 921
QY 788 AGATATAAATGAATGTACTATGATAGCCATAGCTGAGCCACCATGCCAATGCTTCAA 847
Db 922 AGATATAAATGAATGTACTATGATAGCCATAGCTGAGCCACCATGCCAATGCTTCAA 981
QY 848 TACCAGAGGCTCTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGCGATCGGTG 907
Db 982 TACCAGAGGCTCTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGCGATCGGTG 1041
QY 908 TTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGCTACCATCAAGA 967
Db 1042 TTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGCTACCATCAAGA 1101
QY 968 CAGAAATCAAGAGTGTCTGTCTCAAAAACAGCATGAAAAGAGGCAAAAATTAATAA 1027
Db 1102 CAGAAATCAAGAGTGTCTGTCTCAAAAACAGCATGAAAAGAGGCAAAAATTAATAA 1161
QY 1028 TGTATACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGAGCCCTTCAACTA 1087
Db 1162 TGTATACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGAGCCCTTCAACTA 1221
QY 1088 TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAGAGGGAATGAAGAG-A 1146
Db 1222 TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAGAGGGAATGAAGAGAA 1281
QY 1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTGAAAGATGACATAGA 1206
Db 1282 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTGAAAGATGACATAGA 1341
QY 1207 GGAGCGAAGCCTGCGAGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266
Db 1342 GGAGCGAAGCCTGCGAGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1401
QY 1267 CCGTATCTGTGTCGAAAGGAGGCTTAATCTCAAACTGGAATGAATGAATTAATAT 1326
Db 1402 CCGTATCTGTGTCGAAAGGAGGCTTAATCTCAAACTGGAATGAATGAATTAATAT 1461
QY 1327 CTCGGTGAATCAGCTTCAATCATGAGATCTGTGACTGGAACACAGATAGAGAGATGA 1386
Db 1462 CTCGGTGAATCAGCTTCAATCATGAGATCTGTGACTGGAACACAGATAGAGAGATGA 1521
QY 1387 TTTTGAATCGGATCTGCTGATGAGATGATGATTTGCTTCTATATGCGATTCGGC 1446
Db 1522 TTTTGAATCGGATCTGCTGATGAGATGATGATTTGCTTCTATATGCGATTCGGC 1581
QY 1447 CTTGCGAGGTCAAGAAAGACATTTGGCGATTTGAACTTCTCTACTGCTGCAACC 1506
Db 1582 CTTGCGAGGTCAAGAAAGACATTTGGCGATTTGAACTTCTCTACTGCTGCAACC 1641
QY 1507 CCAAGCAATCTCTGTTGCTTTGATTAACGGCTGCGGAGACAAAGTCGGGAAC 1566

Db 1642 CCAAGCAATCTCTGTTGCTTTGATTAACGGCTGCGGAGACAAAGTCGGGAAC 1701
QY 1567 TCAGTGTGTTGTGAAGAAACAGTAACAATGCCCTGCGATGGGAGAGAACCAAGATGAGGA 1626
Db 1702 TCAGTGTGTTGTGAAGAAACAGTAACAATGCCCTGCGATGGGAGAGAACCAAGATGAGGA 1761
QY 1627 TGAAGAGTCGAGAGACAGGGAATTCAGTGTATCAAGGAACTGATGCTACAAAAGCAT 1686
Db 1762 TGAAGAGTCGAGAGACAGGGAATTCAGTGTATCAAGGAACTGATGCTACAAAAGCAT 1821
QY 1687 CATTTTGAAGCAGAACCTGGCAAGGGCAAAAACCGGCAAAATCGCAGTGGATGGCGTCTT 1746
Db 1822 CATTTTGAAGCAGAACCTGGCAAGGGCAAAAACCGGCAAAATCGCAGTGGATGGCGTCTT 1881
QY 1747 GCTGTTTCAAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTCAATGTTACTATC 1806
Db 1882 GCTGTTTCAAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTCAATGTTACTATC 1941
QY 1807 TTTATATTTGACTTTGATGTGTCAGTTCCTCGTGTGTTTTTGTATTTGATTTGATTCATGAGACCTC 1866
Db 1942 TTTATATTTGACTTTGATGTGTCAGTTCCTCGTGTGTTTTTGTATTTGATTTGATTCATGAGACCTC 2001
QY 1867 TGCATTTTGAATTTACTAGCTGGAATAATGTAATGTACCAACAGAAATATTATTGTAAG 1926
Db 2002 TGCATTTTGAATTTACTAGCTGGAATAATGTAATGTACCAACAGAAATATTATTGTAAG 2061
QY 1927 ATGCCCTTCTGTTATGAATATGCCAATATTTGCTTTAAATATCATATCACTGTATCTTC 1986
Db 2062 ATGCCCTTCTGTTATGAATATGCCAATATTTGCTTTAAATATCATATCACTGTATCTTC 2121
QY 1987 TCAGTCAATTTCTGAATCTTCCNCAATATATTATAAATNTGGAANGTCAGTTTATCTC 2046
Db 2122 TCAGTCAATTTCTGAATCTTCCCAATATATTATAAATNTGGAANGTCAGTTTATCTC 2181
QY 2047 CCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAAATTC 2106
Db 2182 CCCTCCCTCAGTATATCTGATTTGTATGAAGTTGATGAGCTTCTCTACAAATTC 2241
QY 2107 TAGAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGAATCTTATGATCTTCT 2166
Db 2242 TAGAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGAATCTTATGATCTTCT 2301
QY 2167 TGGAAACTATGATCAATCAAGATAGACTTTTGGCTAAGTGGCTAGCTGGGTCTTTTCATAG 2226
Db 2302 TGGAAACTATGATCAATCAAGATAGACTTTTGGCTAAGTGGCTAGCTGGGTCTTTTCATAG 2361
QY 2227 CCAAACTTGATATTTT-AACTTTTGTATATAA 2260
Db 2362 CCAAACTTGATATTTTAAATTTCTTTGTAATAA 2396

RESULT 97

US-09-981-649A-31
; Sequence 31, Application US/09981649A
; Patent No. US20020132250A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGF6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/09/981,649A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 2413
; TYPE: DNA
; ORGANISM: Homo sapiens

FEATURE:
; NAME/KEY: CDS
; LOCATION: (258)...(1922)
US-09-981-649A-31

Query Match 97.6%; Score 2206.2; DB 9; Length 2413;

Best Local Similarity 99.3%; Pred. No. 0;

Mismatches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

QY	8	GTGGTGCAGTGGAGCGAGCAGCGCGCTCAGAGAGAGAGAGCGCGCTTAGC	67
DB	131	GTAACTGCCAGTGGAGCGAGACCGAGCGCTGAGGAGAGAGAGCGCGCTTAGC	190
QY	68	TGCTACGGGGTCCGGCGCGCGCTCCAGAGGGGGCTCAGAGAGAGAGAGACCG	127
DB	191	TGCTACGGGGTCCGGCGCGCGCTCCAGAGGGGGCTCAGAGAGAGAGAGACCG	250
QY	128	TGGAGAAATGCCCTCTGCTGAGCGCTTGGCTCCGGCTGCTCTCTCTGGTGGCAGG	187
DB	251	TGGAGAAATGCCCTCTGCTGAGCGCTTGGCTCCGGCTGCTCTCTCTGGTGGCAGG	310
QY	188	TGGTTTCGGGAACCGCGCGCAGTGCAGGCGATCACGGGTTGTAGCATCGGACGTCAGCC	247
DB	311	TGGTTTCGGGAACCGCGCGCAGTGCAGGCGATCACGGGTTGTAGCATCGGACGTCAGCC	370
QY	248	TGGGGTCTGTCACTATGGAACTAACTGGCTGCTGCTAGCGCTGGAGAGAAACAGCA	307
DB	371	TGGGGTCTGTCACTATGGAACTAACTGGCTGCTGCTAGCGCTGGAGAGAAACAGCA	430
QY	308	GGGAGTCTGTGAAGTACATGCGAAGCTGGATGAATTTGGTGAAGTGGGGACCAAA	367
DB	431	GGGAGTCTGTGAAGTACATGCGAAGCTGGATGAATTTGGTGAAGTGGGGACCAAA	490
QY	368	CAAAATCAGATGTTTCCAGGATACACCGGGGAAACCTCGAGTCAAGATGTGAATGAGTG	427
DB	491	CAAAATCAGATGTTTCCAGGATACACCGGGGAAACCTCGAGTCAAGATGTGAATGAGTG	550
QY	428	TGGATGAACCCCGGCGATGCGAAGTGTGTAATACACAGGAAGCTCAAGTG	487
DB	551	TGGATGAACCCCGGCGATGCGAAGTGTGTAATACACAGGAAGCTCAAGTG	610
QY	488	CTTTTGCTCAGTGGCCACATGCTATGCCAGATGCTAGCTGTGTAATCTAGAGCATG	547
DB	611	CTTTTGCTCAGTGGCCACATGCTATGCCAGATGCTAGCTGTGTAATCTAGAGCATG	670
QY	548	TGCCATGATAAATGTGTCAGTGTGAGACACAGAGAGAGGCGCACAGTGGCTGTG	607
DB	671	TGCCATGATAAATGTGTCAGTGTGAGACACAGAGAGAGGCGCACAGTGGCTGTG	730
QY	608	TCCATCTCAGGACTCCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG	667
DB	731	TCCATCTCAGGACTCCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG	790
QY	668	TGCTCTGTGTAAGTCACTGTGCTCAATCGAAGATGTGTAACACATTTGGAGCTA	727
DB	791	TGCTCTGTGTAAGTCACTGTGCTCAATCGAAGATGTGTAACACATTTGGAGCTA	850
QY	728	CTACTGCAATGTCAATTTGGTTTCGAACCTGCAATATATCAGTGGACGATGACTGTAT	787
DB	851	CTACTGCAATGTCAATTTGGTTTCGAACCTGCAATATATCAGTGGACGATGACTGTAT	910
QY	788	AGATATAAATGAATGTACTATGATAGCCATAGTGAGCCACATGCCAATGCTTCAA	847
DB	911	AGATATAAATGAATGTACTATGATAGCCATAGTGAGCCACATGCCAATGCTTCAA	970
QY	848	TACCACAGGGTCCCTTCAAGTGTAAATGCAAGAGGATATAAGGCAATGGAATTCGGTG	907
DB	971	TACCACAGGGTCCCTTCAAGTGTAAATGCAAGAGGATATAAGGCAATGGAATTCGGTG	1030
QY	908	TTCTGCTATCCCTGAAATTTCTGTGAAGAGAGTCTCAGAGGACCTGGTGCATCAAGA	967
DB	1031	TTCTGCTATCCCTGAAATTTCTGTGAAGAGAGTCTCAGAGGACCTGGTGCATCAAGA	1090

QY	968	CAGAATCAGAAGTTGCTTCTCAAAAAACAGCATGAAAAAGAGGCAAAAAATTAATA	1027
DB	1091	CAGAATCAGAAGTTGCTTCTCAAAAAACAGCATGAAAAAGAGGCAAAAAATTAATA	1150
QY	1028	TGTTACCCAGAACCCACAGGACTCTTACCCCTAAGTGAATCTTGAGCCCTTCAACTA	1087
DB	1151	TGTTACCCAGAACCCACAGGACTCTTACCCCTAAGTGAATCTTGAGCCCTTCAACTA	1210
QY	1088	TGAAGAGATAGTTTCCAGAGCGGAACTCTCTAGGAGGTAAAAAGGAATGAAGAG-A	1146
DB	1211	TGAAGAGATAGTTTCCAGAGCGGAACTCTCTAGGAGGTAAAAAGGAATGAAGAGAA	1270
QY	1147	ATGAAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAGGAATGACATAGA	1206
DB	1271	ATGAAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAGGAATGACATAGA	1330
QY	1207	GGAGGAAAGCCCTCGAGGAGATGTGTTTTTCTTAAGTGAATCAAGCAGGTGAATTCGG	1266
DB	1331	GGAGGAAAGCCCTCGAGGAGATGTGTTTTTCTTAAGTGAATCAAGCAGGTGAATTCGG	1390
QY	1267	CCTGATCTGGTCCAAAGAAAGCGCTAACTCCAAACTGGAACATAA---AGATTTAAA	1323
DB	1391	CCTGATCTGGTCCAAAGAAAGCGCTAACTCCAAACTGGAACATAA---AGATTTAAA	1450
QY	1324	TATCTCGGTGACTCGAGCTTCAATCATGCGATCTGTGACTGGAAACAGGATAGAGA	1383
DB	1451	TATCTCGGTGACTCGAGCTTCAATCATGCGATCTGTGACTGGAAACAGGATAGAGA	1510
QY	1384	TGATTTGATCGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGTTC	1443
DB	1511	TGATTTGATCGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGTTC	1570
QY	1444	GGCTTGGCAGGTCAAGAAAGACATTGGCGGATTTGAAACTTCTCTACCTGACCTGCA	1503
DB	1571	GGCTTGGCAGGTCAAGAAAGACATTGGCGGATTTGAAACTTCTCTACCTGACCTGCA	1630
QY	1504	ACCCAAAGCAACTTCTGTTGCTCTTTGATTAACGGCTGCGCGGAGACAAAGTCGGAA	1563
DB	1631	ACCCAAAGCAACTTCTGTTGCTCTTTGATTAACGGCTGCGCGGAGACAAAGTCGGAA	1690
QY	1564	ACTTCAGTGTGTTGTAAGAAACAGTAAACAATGCTGCGATGGGAGAGACCAAGTGA	1623
DB	1691	ACTTCAGTGTGTTGTAAGAAACAGTAAACAATGCTGCGATGGGAGAGACCAAGTGA	1750
QY	1624	GGATGAAAGTGGAGACAGGGAAATTCAGTTGTATCAAGGAACTGATGCTACAAAG	1683
DB	1751	GGATGAAAGTGGAGACAGGGAAATTCAGTTGTATCAAGGAACTGATGCTACAAAG	1810
QY	1684	CATCATTTTGAAGCAGACGTGGCAAGGCAAAACCGCGGAAATCGCAGTGGGCGGT	1743
DB	1811	CATCATTTTGAAGCAGACGTGGCAAGGCAAAACCGCGGAAATCGCAGTGGGCGGT	1870
QY	1744	CTTGCTTGTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGFGATGATGATGTTACT	1803
DB	1871	CTTGCTTGTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGFGATGATGATGTTACT	1930
QY	1804	ATCTTATATTGACCTTGTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1863
DB	1931	ATCTTATATTGACCTTGTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1990
QY	1864	CTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATTTATGT	1923
DB	1991	CTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATTTATGT	2050
QY	1924	AAGATGCTTCTTGTATGATATGATATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1983
DB	2051	AAGATGCTTCTTGTATGATATGATATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	2110
QY	1984	TTCTCAGTCAATTTCTGAACTTTCCNCAATTTATATTAATAAAATNTGAAANGTCAGTTAT	2043
DB	2111	TTCTCAGTCAATTTCTGAACTTTCCNCAATTTATATTAATAAAATNTGAAANGTCAGTTAT	2170
QY	2044	CTCCCTCCCTCCTGCTGATATCTGATTTGTATGATGTTGATGCTGCTCTCTCTACACAT	2103

Db 2171 CTCCCTCCTCAGTATATCTGATTTGATTAAGTGTGATGAGTCTCTCTCAACAT 2230
Qy 2104 TTCTAGAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGACTCTTATGACT 2163
Db 2231 TTCTAGAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGACTCTTATGACT 2290
Qy 2164 TCTTGGAACTATGACATCAAAAGATAGACTTTTGGCTTAAAGTGGCTTGGCTTTTCA 2223
Db 2291 TCTTGGAACTATGACATCAAAAGATAGACTTTTGGCTTAAAGTGGCTTGGCTTTTCA 2350
Qy 2224 TAGCCAACTTGTATATTT-ATTTCTTTGTAATAATAA 2260
Db 2351 TAGCCAACTTGTATATTTAAATCTTTTGTATAATAA 2388

RESULT 98

US-10-399-123-31
; Sequence 31, Application US/10399123
; Publication No. US20040059098A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGF6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/10/399,123
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 2413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (258)..(1922)
US-10-399-123-31

Query Match 97.6%; Score 2206.2; DB 13; Length 2413;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

Qy 8 GTGGGTGGAGTGGAGCGGAGACCCGAGCGGCTGAGAGAGAGAGGCGCGGCTTAGC 67
Db 131 GTAACCTGGAGTGGAGCGGAGACCCGAGCGGCTGAGAGAGAGAGGCGCGGCTTAGC 190
Qy 68 TGCTACGGGGTCCGCGCGGCGCTCCGAGGGGGCTCAGAGAGAGAGAGAGAGAGAG 127
Db 191 TGCTACGGGGTCCGCGCGGCGCTCCGAGGGGGCTCAGAGAGAGAGAGAGAGAGAG 250
Qy 128 TCGAGAGATGCTCTGCTGCTGAGGCTTGGCTCCGCTGCTGCTCTCTCTCTCTCTCT 187
Db 251 TCGAGAGATGCTCTGCTGCTGAGGCTTGGCTCCGCTGCTGCTCTCTCTCTCTCTCT 310
Qy 188 TGCTTTGGGAAACGCGGCGAGTGAAGAGATCAAGGTTGTAGCATCGGACGCTAGCC 247
Db 311 TGCTTTGGGAAACGCGGCGAGTGAAGAGATCAAGGTTGTAGCATCGGACGCTAGCC 370
Qy 248 TGGGGTCTGCTACTAGAACTTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 307
Db 371 TGGGGTCTGCTACTAGAACTTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 430
Qy 308 GGGAGTCTGTGAGCTTACATCGAACTTGAATGTAAGTTTGGTGAAGTGGAGCCAAA 367
Db 431 GGGAGTCTGTGAAGCTTACATCGAACTTGAATGTAAGTTTGGTGAAGTGGAGCCAAA 490
Qy 368 CAAATGCAGATCTTCCAGGATACACCGGAAACCTGCAAGTCAAGATGTGAATGAGTG 427

Db 491 CAAATGCAGATCTTCCAGGATACACCGGAAACCTGCAAGTCAAGATGTGAATGAGTG 550
Qy 428 TGAATGAAACCCCGCCCATGCCAAACAGAGATGTGTGAATACACACGAAAGCTCAAGTG 487
Db 551 TGAATGAAACCCCGCCCATGCCAAACAGAGATGTGTGAATACACACGAAAGCTCAAGTG 610
Qy 488 CTTTTCGCTCAGTGGGCCATCTCTCATGCCAGATCTCAGTGTGTGAATCTTAGGACATG 547
Db 611 CTTTTCGCTCAGTGGGCCATCTCTCATGCCAGATCTCAGTGTGTGAATCTTAGGACATG 670
Qy 548 TGCATGATAAACTGTGCTAGTACAGCTGTGAAGACACAGAGAGAGGCCACAGTGGCTGTG 607
Db 671 TGCATGATAAACTGTGCTAGTACAGCTGTGAAGACACAGAGAGAGGCCACAGTGGCTGTG 730
Qy 608 TCCATCCTCAGGACTCCGCGCTCGCCCAATCGAAGAGACTGTCTAGATATTTGATGAATG 667
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Qy 668 TGCCTCTGTGTAAGTCAATCTGTCCCTTACAAATCGAAGATGTGTGAACACATTTGGAAGCTA 727
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Qy 728 CTACTGCAATGTCACTTGGTTTGGACTGCAATATATCATGTGACGATATGACTGTAT 787
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Db 1031 TTCTGCTATCCCTGAAATTTCTGTGAAGCAAGTCTCTCAGAGCACTGTGTACCATCAAAGA 1090
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Qy 1147 AATCAAGAGAGGGCTTCAGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206
Db 1271 AATCAAGAGAGGGCTTCAGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1330
Qy 1207 GAGCGAAGCTTCGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTAATTCGG 1266
Db 1331 GAGCGAAGCTTCGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTAATTCGG 1390
Qy 1267 CCTGATTTCTGTCCAAAGGAAAGCGCTTAACCTCCAACTGGAACTAA--AGATTTAAA 1323
Db 1391 CCTGATTTCTGTCCAAAGGAAAGCGCTTAACCTCCAACTGGAACTAAAGCAGATTTAAA 1450
Qy 1324 TATCTCGTGTGACTGCAAGTTCATCATGGAATCTGTGATCTGGAACAGAGATGAAGAGA 1383
Db 1451 TATCTCGTGTGACTGCAAGTTCATCATGGAATCTGTGATCTGGAACAGAGATGAAGAGA 1510
Qy 1384 TGATTTTGTGCTGGAATCCTGCTGATCGAGATAATGCTTATTTGGTCTCTATATGGCAGTTC 1443
Db 1511 TGATTTTGTGCTGGAATCCTGCTGATCGAGATAATGCTTATTTGGTCTCTATATGGCAGTTC 1570
Qy 1444 GGCCTTGGCAGGTCAAGAAAGACATTTGGCCGATGAAATCTTCTCTACCTGACCTGCA 1503
Db 1571 GGCCTTGGCAGGTCAAGAAAGACATTTGGCCGATGAAATCTTCTCTACCTGACCTGCA 1630

Qy 908 TTCTGCTATCCCTGAAATCTGTGAAGAACTCTCTCAGAGCACTGCTTACCATCAAGA 967
Db 1031 TTCTGCTATCCCTGAAATCTGTGAAGAACTCTCTCAGAGCACTGCTTACCATCAAGA 1090
Qy 968 CAGATCAAGAAGTTCTGCTCAAAAACAGCATGAAAAAGGCAAAATTAATAA 1027
Db 1091 CAGATCAAGAAGTTCTGCTCAAAAACAGCATGAAAAAGGCAAAATTAATAA 1150
Qy 1028 TGTATCCCAAGACCCACAGGACTCTACCCCTAGGTGAATTCGACCCCTCAACTA 1087
Db 1151 TGTATCCCAAGACCCACAGGACTCTACCCCTAGGTGAATTCGACCCCTCAACTA 1210
Qy 1088 TGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGAGGTAAAAAGGGAATGAAGAG-A 1146
Db 1211 TGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGAGGTAAAAAGGGAATGAAGAG 1270
Qy 1147 AATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206
Db 1271 AATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1330
Qy 1207 GGAGCGAAGCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGAGGTGAATTCGG 1266
Db 1331 GGAGCGAAGCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGAGGTGAATTCGG 1390
Qy 1267 CTGATTTCTGGTCAAGAGAAAGGCTTAATCTTCAAACTGGAACATAA---AGATTTAAA 1323
Db 1391 CTTGATTTCTGGTCAAGAGAAAGGCTTAATCTTCAAACTGGAACATAAAGCAGATTTAAA 1450
Qy 1324 TATCTCGGTTGACTGCAAGCTTCAATCATGGATCTGTGACTGGAACAGGATGAGAGA 1383
Db 1451 TATCTCGGTTGACTGCAAGCTTCAATCATGGATCTGTGACTGGAACAGGATGAGAGA 1510
Qy 1384 TGATTTGACTGGAATCTCTGATCGAGATATGCTATATGGCTTCTATATGGCAGTTCC 1443
Db 1511 TGATTTGACTGGAATCTCTGATCGAGATATGCTATATGGCTTCTATATGGCAGTTCC 1570
Qy 1444 GGCTTCGGAGGTCAAGAGAAAGCAATGGCCGATTAAGAACTTCTCTACCTGACCTGCA 1503
Db 1571 GGCTTCGGAGGTCAAGAGAAAGCAATGGCCGATTAAGAACTTCTCTACCTGACCTGCA 1630
Qy 1504 ACCCAAAGCAACTTCTGTTGCTCTTTGATTAACGGCTGGCGGAGACAAAGTCGGAA 1563
Db 1631 ACCCAAAGCAACTTCTGTTGCTCTTTGATTAACGGCTGGCGGAGACAAAGTCGGAA 1690
Qy 1564 ACTTCGAGTGTGTAAGAAACAGTAACATGCTGGCATGGGAGACACACAGAGTGA 1623
Db 1691 ACTTCGAGTGTGTAAGAAACAGTAACATGCTGGCATGGGAGACACACAGAGTGA 1750
Qy 1624 GGATGAAAGTGGAGACAGGAAATTCAGTTGATCAAGGAACCTGATGCTACCAAAAG 1683
Db 1751 GGATGAAAGTGGAGACAGGAAATTCAGTTGATCAAGGAACCTGATGCTACCAAAAG 1810
Qy 1684 CATCATTTTGAACGACAGTGGCAGGGCAAAACCGGCAATCGCAGTGGATGGCT 1743
Db 1811 CATCATTTTGAACGACAGTGGCAGGGCAAAACCGGCAATCGCAGTGGATGGCT 1870
Qy 1744 CTTCGTTGTTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGGATGACTGAATGTACT 1803
Db 1871 CTTCGTTGTTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGGATGACTGAATGTACT 1930
Qy 1804 ATCTTTATATTTGACTTGTATGTCAGTTCCTGTTTGTATTTGATTTGATTCATCAGAC 1863
Db 1931 ATCTTTATATTTGACTTGTATGTCAGTTCCTGTTTGTATTTGATTTGATTCATCAGAC 1990
Qy 1864 CTCTGGCAATTTAGAAATTAAGTCTGAAATTTGATTTGATTTGATTTGATTTGATTTG 1923
Db 1991 CTCTGGCAATTTAGAAATTTAGTCTGAAATTTGATTTGATTTGATTTGATTTGATTTG 2050
Qy 1924 AAGATGCTTTCTGTATAGATGCAATATTTGCTTTTAAATATCATATCATCTGTATC 1983
Db 2051 AAGATGCTTTCTGTATAGATGCAATATTTGCTTTTAAATATCATATCATCTGTATC 2110

Qy 1984 TTCTCAGTCATTTCTGAATCTTTCCNCATTATATTATATAAATNTGAAANGTCAGTTTAT 2043
Db 2111 TTCTCAGTCATTTCTGAATCTTTCCNCATTATATTATATAAATNTGAAANGTCAGTTTAT 2170
Qy 2044 CTCCCTCTCTCTGATATATCTGATTTGTATATANGTANGTCTCTCTCTCAACAT 2103
Db 2171 CTCCCTCTCTCTGATATATCTGATTTGTATATAAGTAAAGTCTCTCTCTCAACAT 2230
Qy 2104 TTCTAGAAAATAGAAAAAGCAAGAGAGAAATGTTAACTGTTTGAATCTTTATGATACT 2163
Db 2231 TTCTAGAAAATAGAAAAAGCAAGAGAGAAATGTTAACTGTTTGAATCTTTATGATACT 2290
Qy 2164 TTCTGAAAATAGCAATCAAGATAGACTTTTGCCTAAAGTGGCTTACGCTGGGCTTTTCA 2223
Db 2291 TTCTGAAAATAGCAATCAAGATAGACTTTTGCCTAAAGTGGCTTACGCTGGGCTTTTCA 2350
Qy 2224 TAGCCAAACTCTGATATTTT-AACTTTTGTAAATAA 2260
Db 2351 TAGCCAAACTCTGATATTTTAAATTTCTTTGTAAATAA 2388

RESULT 100
US-10-037-270-189
; Sequence 189, Application US/10037270
; Publication No. US20030104529A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wehrman, Tom
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yungling
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: Tillinghast, John
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. US20030104529A1el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 784CIP2B
; CURRENT APPLICATION NUMBER: US/10/037,270
; CURRENT FILING DATE: 2002-01-04
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1104
; SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 189
; LENGTH: 2413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (258)..(1922)
US-10-037-270-189

Query Match 97.6%; Score 2206.2; DB 15; Length 2413;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

Qy 8 GTGGGTCCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGGCGGCGGTAGC 67
Db 131 GTAACCTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGGCGGCGGTAGC 190
Qy 68 TGCTAGGGGTCCGGCCGGCGGCTTCCCGAGGGGCTTCAGGAGAGAGAGGAGGACCGG 127

191	TGCTACGGGGTCCGGCCGGCCGCTCCCGAGGGGGGCTCAGAGGAGGAGGAGGACCCG	250
128	TGCGAAGATGCTCTGCGCTTGGAGACCTTGGCGCTCCGCTGCTGCTCTCTCTGGGTGGCAGG	187
251	TGCGAAGATGCGCTCTGCGCTTGGAGACCTTGGCGCTCCGCTGCTGCTCTCTCTGGGTGGCAGG	310
188	TGGTTTTCGGGAAACGGCGCAGTGCAGAGCATCAACGGGTTGTAGCATCGGCACGCTCAGCC	247
311	TGGTTTTCGGGAAACGGCGCAGTGCAGAGCATCAACGGGTTGTAGCATCGGCACGCTCAGCC	370
248	TGGGGTCTGTCACTATGGAATAAACTGGGCTGCTGCTACGGCTGGAGAGAAACAGCAA	307
371	TGGGGTCTGTCACTATGGAATAAACTGGGCTGCTGCTACGGCTGGAGAGAAACAGCAA	430
308	GGGAGCTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTTGGTGAAGTCCGTGGGACCCAA	367
431	GGGAGCTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTTGGTGAAGTCCGTGGGACCCAA	490
368	CAATATGCAGATGCTTTTCAGGATACACCGGGAACCTCGCAGTCAAGATGTGAATGATG	427
491	CAATATGCAGATGCTTTTCAGGATACACCGGGAACCTCGCAGTCAAGATGTGAATGATG	550
428	TGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCTACAAGTG	487
551	TGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCTACAAGTG	610
488	CTTTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGTGAATCTCTAGGACATG	547
611	CTTTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGTGAATCTCTAGGACATG	670
548	TGCCATGATAAATGTCAGTACAGCTGTGGAAGACACAGAAAGAGGCGCCACAGTGCCTGTG	607
671	TGCCATGATAAATGTCAGTACAGCTGTGGAAGACACAGAAAGAGGCGCCACAGTGCCTGTG	730
608	TGCATCTCCAGGATCTGCGCCCTGGGCCAAATGGAAGAGACTCTCTAGATATGTATGATG	657
731	TGCATCTCCAGGATCTGCGCCCTGGGCCAAATGGAAGAGACTCTCTAGATATGTATGATG	780
668	TGCCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACACAAATTTGGAAGCTA	727
791	TGCCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACACAAATTTGGAAGCTA	850
728	CTACTGCCAAATGTACATATGGTTTCGAACTGCATATATACGTGAGCAGATATGATCTGAT	787
851	CTACTGCCAAATGTACATATGGTTTCGAACTGCATATATACGTGAGCAGATATGATCTGAT	910
788	AGATATAAATGAATGTACTATGATAGCCATACGTCAGCCACCATGTCACCAATTCCTTTCAA	847
911	AGATATAAATGAATGTACTATGATAGCCATACGTCAGCCACCATGTCACCAATTCCTTTCAA	970
848	TACCCAGAGGTCCTTCAGTGTAAATCGACAGGAGATATGAAGCAATGCACTTCGGTG	907
971	TACCCAGAGGTCCTTCAGTGTAAATCGACAGGAGATATGAAGCAATGCACTTCGGTG	1030
908	TTCTGCTATCCCTGAAAAATTCGTGAAGGAAGTCCCTCAGAGCACCTGGTACCATCAAAGA	967
1031	TTCTGCTATCCCTGAAAAATTCGTGAAGGAAGTCCCTCAGAGCACCTGGTACCATCAAAGA	1090
968	CAGATATCAAGAGTTGCTTGTCTCACAAAAACAGCTGAAAAAGAGAGGCAAAAAATTTAAAA	1027
1091	CAGATATCAAGAGTTGCTTGTCTCACAAAAACAGCTGAAAAAGAGAGGCAAAAAATTTAAAA	1150
1028	TGTTATCCCCAGAACCCACCGAGCTCTTACCCCTTAAGGTGAATCTTGCGACCCCTTCAAATA	1087
1151	TGTTATCCCCAGAACCCACCGAGCTCTTACCCCTTAAGGTGAATCTTGCGACCCCTTCAAATA	1210
1088	TGAGAGATATGTTTCCAGAGCGGGACTCTCATATGAGGTGAAAAAGGGAATGAAGAG-A	1146
1211	TGAAGAGATATGTTTCCAGAGCGGGAACTCTCATATGAGGTGAAAAAGGGAATGAAGAGAA	1270
1147	AATGAAGAGCGGCTTGAGATGTAGAAAAAGAGAAACGAAAGCCCTTGAAAGATGACATAGA	1206
1271	AATGAAGAGCGGCTTGAGATGTAGAAAAAGAGAAACGAAAGCCCTTGAAAGATGACATAGA	1330

1207	QY	GGAGCGAAGCCTCGGAGGAGATGTGTCTTTCCCTAAGGTGAATGAACGAGGTGAATTCGG	1266
1331	DB	GGAGCGAAGCCTCGGAGGAGATGTGTCTTTCCCTAAGGTGAATGAACGAGGTGAATTCGG	1390
1267	QY	CCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTTCCAAACTCGGAACATAA---AGATTTAAA	1323
1391	DB	CCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTTCCAAACTCGGAACATAAAGCAGATTTAAA	1450
1324	QY	TATCTCGGTTGATCGCAGCTTCAATCATCGGATCTGTGACTGGAAACAGGATAGAGAAGA	1383
1451	DB	TATCTCGGTTGATCGCAGCTTCAATCATCGGATCTGTGACTGGAAACAGGATAGAGAAGA	1510
1384	QY	TGATTTTGACTTGGAAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCC	1443
1511	DB	TGATTTTGACTTGGAAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCC	1570
1444	QY	GGCTCTGGCAGGTCACAAGAAAGACATTTGGCCGATTTGAAACTTCTCCTACCTGCACCTGCA	1503
1571	DB	GGCTCTGGCAGGTCACAAGAAAGACATTTGGCCGATTTGAAACTTCTCCTACCTGCACCTGCA	1630
1504	QY	ACCCCAAAGCAACTTCTGTTTGCTCTTTGATTACCGGCTGGCCGGAGACAAAGTCGGGAA	1563
1631	DB	ACCCCAAAGCAACTTCTGTTTGCTCTTTGATTACCGGCTGGCCGGAGACAAAGTCGGGAA	1690
1564	QY	ACTTCGAGTGTGTTGGAATAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAA	1623
1691	DB	ACTTCGAGTGTGTTGGAATAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAA	1750
1624	QY	GGATGAAAGTGGAAAGCAGGGGAAATTCAGTTGTATCAAGAACTGATGCTACCAAAAG	1683
1751	DB	GGATGAAAGTGGAAAGCAGGGGAAATTCAGTTGTATCAAGAACTGATGCTACCAAAAG	1810
1684	QY	CATCAATTTTGGACGAGACGTTGGCAAGGCGCAAAACCGCGGAATTCGCAGTGGATGCGGT	1743
1811	DB	CATCAATTTTGGACGAGACGTTGGCAAGGCGCAAAACCGCGGAATTCGCAGTGGATGCGGT	1870
1744	QY	CTTGCTGTTTTCAGGCTTATGCTCCAGATAGCCCTTTTATCTGTGGATGACTGAATGTTACT	1803
1871	DB	CTTGCTGTTTTCAGGCTTATGCTCCAGATAGCCCTTTTATCTGTGGATGACTGAATGTTACT	1930
1804	QY	ATCTTTATATTGCACTTTGATGCTGAGTTCCTCGTGTGTTTTTTTGTATTTGCATCATAGAC	1863
1931	DB	ATCTTTATATTGCACTTTGATGCTGAGTTCCTCGTGTGTTTTTTTGTATTTGCATCATAGAC	1990
1864	QY	CTCTGGCATTTTGAATTTACTAGCTGAAATAATGTAATGTACCAACAGAAATATTATTGT	1923
1991	DB	CTCTGGCATTTTGAATTTACTAGCTGAAATAATGTAATGTACCAACAGAAATATTATTGT	2050
1924	QY	AGATGTCCTTCTGTGATAGATATGCCAATATTGCTTTTAAATATCATATCACTGTTATC	1983
2051	DB	AGATGTCCTTCTGTGATAGATATGCCAATATTGCTTTTAAATATCATATCACTGTTATC	2110
1984	QY	TTCTCAGTCAPTTCTGAATCTTTCCNCAATTTATTTATTAATAANTGGAANAATGCAAGTTAT	2043
2111	DB	TTCTCAGTCAPTTCTGAATCTTTCCNCAATTTATTTATTTATTAATAANTGCAAGTTAT	2170
2044	QY	CTCCCTCCTCNGTATATCTGATTTCTGATFANGTGTGATGNGCTCTCTCTCATCAACAT	2103
2171	DB	CTCCCTCCTCNGTATATCTGATTTCTGATFANGTGTGATGNGCTCTCTCTCATCAACAT	2230
2104	QY	TTCTAGAAAAATAGAAAAAAGCAACAGAGAAATGTTTAACTGTTTGACTCTTTATGACTACT	2163
2231	DB	TTCTAGAAAAATAGAAAAAAGCAACAGAGAAATGTTTAACTGTTTGACTCTTTATGACTACT	2290
2164	QY	TCCTTGGAAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGGCTTTTCA	2223
2291	DB	TCCTTGGAAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGGCTTTTCA	2350
2224	QY	TAGCCAAACTTGTATATTTT-AACTCTTTGTAATAATAA	2260
2351	DB	TAGCCAAACTTGTATATTTAAATTTCTTTGTAATAATAA	2388

RESULT 101
US-10-136-227A-31
; Sequence 31, Application US/10136227A
; Publication No. US2003015886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 2413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (258)..(1922)
US-10-136-227A-31

Query Match 97.6%; Score 2206.2; DB 15; Length 2413;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

QY	8	CTGGGTGCGAGTGGAGCGGAGACCCGAGCGGTGAGGAGAGAGAGCGGCGGTAGC	67
DB	131	GTAATGCGAGTGGAGCGGAGACCCGAGCGGTGAGGAGAGAGAGCGGCGGTAGC	190
QY	68	TGCTACGGGGTCCGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGAGCCG	127
DB	191	TGCTACGGGGTCCGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGAGCCG	250
QY	128	TGCGAGAAATGCTCTGCGCTGGAGCCTTGGCGTCCCGCTCTCTCTCTCTCTCTCT	187
DB	251	TGCGAGAAATGCTCTGCGCTGGAGCCTTGGCGTCCCGCTCTCTCTCTCTCTCTCT	310
QY	188	TGTTTTCGGGAACGGGCGCAGTGCAGGCGATCAGGGTCTAGCATCGCAGCTCAGCC	247
DB	311	TGTTTTCGGGAACGGGCGCAGTGCAGGCGATCAGGGTCTAGCATCGCAGCTCAGCC	370
QY	248	TGGGTCCTGTCTCATATGGAATTAACCTGGCTGCTGCTACGGCTGGAGAGAAACAGCA	307
DB	371	TGGGTCCTGTCTCATATGGAATTAACCTGGCTGCTGCTACGGCTGGAGAGAAACAGCA	430
QY	308	GGGAGTCTGTGAAGTACATCGGAACCTGGATGTAAGTTGGTGGTGGGACCAA	367
DB	431	GGGAGTCTGTGAAGTACATCGGAACCTGGATGTAAGTTGGTGGTGGGACCAA	490
QY	368	CAATGTCAGATGCTTTCCAGGATACACCGGGAACCTGCAGTCAAGATGTGAATGAGTG	427
DB	491	CAATGTCAGATGCTTTCCAGGATACACCGGGAACCTGCAGTCAAGATGTGAATGAGTG	550
QY	428	TGGAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAAGCTTAAAGTG	487
DB	551	TGGAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAAGCTTAAAGTG	610
QY	488	CTTTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTCTAGGACATG	547
DB	611	CTTTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTCTAGGACATG	670
QY	548	TGCCATGATAAATGTCTAGTCACTGCTGTGAAGACACAGAGAGAGGGCCACAGTGCCTGTG	607
DB	671	TGCCATGATAAATGTCTAGTCACTGCTGTGAAGACACAGAGAGAGGGCCACAGTGCCTGTG	730

QY	608	TCCATCTCAGGACTCCGCTCGGCCCAAATGGAAGAGACTGTCTAGATATTGATGATG	667
DB	731	TCCATCTCAGGACTCCGCTCGGCCCAAATGGAAGAGACTGTCTAGATATTGATGATG	790
QY	668	TGCTCTGTGTAAGTCACTGTCTCCCTCACTGGAAGATGTGTGAACACATTTGGAGCTA	727
DB	791	TGCTCTGTGTAAGTCACTGTCTCCCTCACTGGAAGATGTGTGAACACATTTGGAGCTA	850
QY	728	CTACTGCAATGTCACTTGGTTTGGAACTGCAATATATCAGTGGACGATGACTGTAT	787
DB	851	CTACTGCAATGTCACTTGGTTTGGAACTGCAATATATCAGTGGACGATGACTGTAT	910
QY	788	AGATATAAATGAAATGATCTATGATAGCCTACGTCGACGACCACTGCAATTTGCTTCA	847
DB	911	AGATATAAATGAAATGATCTATGATAGCCTACGTCGACGACCACTGCAATTTGCTTCA	970
QY	848	TACCAAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGCACTTCGGTG	907
DB	971	TACCAAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGCACTTCGGTG	1030
QY	908	TTCTGCTATCCCTGAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGTGATCAATCAAGA	967
DB	1031	TTCTGCTATCCCTGAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGTGATCAATCAAGA	1090
QY	968	CAGATCAAGAGTGTCTTGTCTCACAAGAACACAGATGAAAGAGGAGGCAAAATTTAAAA	1027
DB	1091	CAGATCAAGAGTGTCTTGTCTCACAAGAACACAGATGAAAGAGGAGGCAAAATTTAAAA	1150
QY	1028	TGTTTACCCCGAGAACCCACAGGACTCTTACCCCTTAAGGTGAACTTGCAGCCCTTCAACTA	1087
DB	1151	TGTTTACCCCGAGAACCCACAGGACTCTTACCCCTTAAGGTGAACTTGCAGCCCTTCAACTA	1210
QY	1088	TGAAGAGATGTTTTCAGAGGGGGGAGTCTCATGGAGTGAAGGAGGAGGATGAGAG-A	1146
DB	1211	TGAAGAGATGTTTTCAGAGGGGGGAGTCTCATGGAGTGAAGGAGGAGGATGAGAGAA	1270
QY	1147	AATGAAAGAGGGGCTTTCAGGATGAGAAAAAGAGAGAGAGAGAGCCCTGAAAGAAATGACATAGA	1206
DB	1271	AATGAAAGAGGGGCTTTCAGGATGAGAAAAAGAGAGAGAGAGAGCCCTGAAAGAAATGACATAGA	1330
QY	1207	GGAGCGAGCCTCGGAGGAGATGTGTTTTTCCCTTAAGGTGAAGTGAAGCAGGTGAATTCGG	1266
DB	1331	GGAGCGAGCCTCGGAGGAGATGTGTTTTTCCCTTAAGGTGAAGTGAAGCAGGTGAATTCGG	1390
QY	1267	CCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATAAAGCAGATTTAAA	1323
DB	1391	CCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATAAAGCAGATTTAAA	1450
QY	1324	TATCTCGGTTGACTGAGCTTCAATCTGGGATCTGTGATCGGAAACAGGATAGAGAGA	1383
DB	1451	TATCTCGGTTGACTGAGCTTCAATCTGGGATCTGTGATCGGAAACAGGATAGAGAGA	1510
QY	1384	TGATTTTGAATGCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCC	1443
DB	1511	TGATTTTGAATGCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCC	1570
QY	1444	GGCCTTGGCAGGTCAACAAGAGACATTTGGCGATTTGAACTTCTCTACCTGACCTGCA	1503
DB	1571	GGCCTTGGCAGGTCAACAAGAGACATTTGGCGATTTGAACTTCTCTACCTGACCTGCA	1630
QY	1504	ACCCCAAGCACTTCTGTTGCTCTTTGATTTACCGGCTGGCGGAGCAAAAGTCGGAA	1563
DB	1631	ACCCCAAGCACTTCTGTTGCTCTTTGATTTACCGGCTGGCGGAGCAAAAGTCGGAA	1690
QY	1564	ACTTCGAGTGTGTTGAAACACAGTAACTCCCTGGCATCGGAGAGAGACCAAGTGA	1623
DB	1691	ACTTCGAGTGTGTTGAAACACAGTAACTCCCTGGCATCGGAGAGAGACCAAGTGA	1750
QY	1624	GGATGAAAGTGAAGCAGGAGAAATTCAGTGTATCAAGGAACTGATGCTACCAAG	1683
DB	1751	GGATGAAAGTGAAGCAGGAGAAATTCAGTGTATCAAGGAACTGATGCTACCAAG	1810

1684 CATCATTTTGAAGCAGACGTCGCAAGCGCAAAACCGCGAAATCGCAGTGGATGCGT 1743
1811 CATCATTTTGAAGCAGACGTCGCAAGCGCAAAACCGCGAAATCGCAGTGGATGCGT 1870
1744 CTTGCTGTTTGAAGCAGACGTCGCAAGCGCGGCAAAACCGCGAAATCGCAGTGGATGCGT 1803
1871 CTTGCTGTTTGAAGCAGACGTCGCAAGCGCGGCAAAACCGCGAAATCGCAGTGGATGCGT 1930
1804 ATCTTTATATTTGACTTTGATGTCAGTTTCCCTGGTTTCTTTTATATGATATGATCATATAGGAC 1863
1931 ATCTTTATATTTGACTTTGATGTCAGTTTCCCTGGTTTCTTTTATATGATATGATCATATAGGAC 1990
1864 CTTGCTGTTTGAAGCAGACGTCGCAAGCGCGGCAAAACCGCGAAATCGCAGTGGATGCGT 1923
1991 CTTGCTGTTTGAAGCAGACGTCGCAAGCGCGGCAAAACCGCGAAATCGCAGTGGATGCGT 2050
1924 AGATGCTTTTCTGTTATAGATATGCAATATTTTGGTTTAAATATATATATATATATATATATATAT 1983
2051 AGATGCTTTTCTGTTATAGATATGCAATATTTTGGTTTAAATATATATATATATATATATATATATAT 2110
1984 TTCTCAGTCAATTTCTGAATCTTTTCCNCAATATATATATATATATATATATATATATATATATATATAT 2043
2111 TTCTCAGTCAATTTCTGAATCTTTTCCNCAATATATATATATATATATATATATATATATATATATATAT 2170
2044 CTTGCTGTTTGAAGCAGACGTCGCAAGCGCGGCAAAACCGCGAAATCGCAGTGGATGCGT 2103
2171 CTTGCTGTTTGAAGCAGACGTCGCAAGCGCGGCAAAACCGCGAAATCGCAGTGGATGCGT 2230
2104 TTCTAGAAATAGAAAAAAGCAGACAGAAATGTTTAACTTTTGAATCTTTTGAATCTTTTGAATCTTTTGA 2163
2231 TTCTAGAAATAGAAAAAAGCAGACAGAAATGTTTAACTTTTGAATCTTTTGAATCTTTTGAATCTTTTGA 2290
2164 TCTTGAATATGACATCAAGATAGACTTTTGGCTAAGTGGCTTACGCTGGCTTTTCA 2223
2291 TCTTGAATATGACATCAAGATAGACTTTTGGCTAAGTGGCTTACGCTGGCTTTTCA 2350
2224 TAGCCAAACTTGTATATTTT-AAATCTTTTGTATATATA 2260
2351 TAGCCAAACTTGTATATTTTAAATCTTTTGTATATATA 2388

RESULT 102
US-10-112-881-31
; Sequence 31, Application US/10112881
; Publication No. US20030165909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCES: 28110/38363
; CURRENT APPLICATION NUMBER: US/10/112,881
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 2413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (258)..(1922)
US-10-112-881-31

Query Match 97.6%; Score 2206.2; DB 15; Length 2413;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;
QY 8 GTGGGTGAGTGTGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGAGGCGCGGCTTAGC 67
DB 131 GTAACTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGAGGCGCGGCTTAGC 190
QY 68 TGCTACGGGTCCTGGCGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCG 127
DB 191 TGCTACGGGTCCTGGCGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCG 250
QY 128 TGCGAAGATGCTCTGCGCTGAGCGCTTGCCTCCCGCTGCTCTCTCTCTCTCTCTCTCT 187
DB 251 TGCGAAGATGCTCTGCGCTGAGCGCTTGCCTCCCGCTGCTCTCTCTCTCTCTCTCTCT 310
QY 188 TGCTTTCCGGAACCGCGGCGGCTGCAAGGCATCAGGGTGTGTAGCATCGGCACGCTCAGCC 247
DB 311 TGCTTTCCGGAACCGCGGCGGCTGCAAGGCATCAGGGTGTGTAGCATCGGCACGCTCAGCC 370
QY 248 TGCGGTCTGTCACTATGGAACCTAACTGGCTGCTGCTACGCTGGAGAGAAACAGCAA 307
DB 371 TGCGGTCTGTCACTATGGAACCTAACTGGCTGCTGCTACGCTGGAGAGAAACAGCAA 430
QY 308 GGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTTGGTGGTGGGACCAAA 367
DB 431 GGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTTGGTGGTGGGACCAAA 490
QY 368 CAAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCAAGTCAAGATGTGAATGATG 427
DB 491 CAAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCAAGTCAAGATGTGAATGATG 550
QY 428 TGGAATGAACCCCGGCGGCTGCAACACAGATGTGAATACACACCGGAGCTACAGTG 487
DB 551 TGGAATGAACCCCGGCGGCTGCAACACAGATGTGAATACACACCGGAGCTACAGTG 610
QY 488 CTTTGTGCTCTGAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACTTAGACA 547
DB 611 CTTTGTGCTCTGAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACTTAGACA 670
QY 548 TGCCATGATAAATCTGAGTACAGCTGTGAGACACAGAGGAGGCGGCGGCTGCTG 607
DB 671 TGCCATGATAAATCTGAGTACAGCTGTGAGAGACACAGAGGAGGCGGCGGCTGCTG 730
QY 608 TCCATCTCTCAGGACTCCGCTGCGGCGGCGGCTGCGGCGGCGGCTGCTGAGTGAATG 667
DB 731 TCCATCTCTCAGGACTCCGCTGCGGCGGCGGCTGCGGCGGCGGCTGCTGAGTGAATG 790
QY 668 TGCTCTGTAAAGTCACTGTCCTCAATCGAAGATGTGTGAACACATTTGGAGCTA 727
DB 791 TGCTCTGTAAAGTCACTGTCCTCAATCGAAGATGTGTGAACACATTTGGAGCTA 850
QY 728 CTACTGCAAAATGTCACTTTGCTGCAATATATCACTGAGACCATATGCTGAT 787
DB 851 CTACTGCAAAATGTCACTTTGCTGCAATATATCACTGAGACCATATGCTGAT 910
QY 788 AGATATAAATGAATGATCTATGATAGCAGCTACGTCAGCCACCATGCAATTTGCTCAA 847
DB 911 AGATATAAATGAATGATCTATGATAGCAGCTACGTCAGCCACCATGCAATTTGCTCAA 970
QY 848 TACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGACCTCGGTG 907
DB 971 TACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGACCTCGGTG 1030
QY 908 TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACTGTGTACATCAAGA 967
DB 1031 TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACTGTGTACATCAAGA 1090
QY 968 CAGAATCAAGAGTCTGCTTCTCAAAAACAGCATGAAAAGAGGCAAAATTTAAAA 1027
DB 1091 CAGAATCAAGAGTCTGCTTCTCAAAAACAGCATGAAAAGAGGCAAAATTTAAAA 1150

QY 1028 TGTTACCCAGAACCCACCCAGGACTCTCTACCCCTTAAGGTGAATTCGACCCCTTCAACTA 1087
DB 1151 TGTACCCAGAACCCACCCAGGACTCTCTACCCCTTAAGGTGAATTCGACCCCTTCAACTA 1210
QY 1088 TGAAGAGATAGTTTCCAGAGCGGGAATCTCTATGAGGTGTAAGAGGGAATGAGAG-A 1146
DB 1211 TGAAGAGATAGTTTCCAGAGCGGGAATCTCTATGAGGTGTAAGAGGGAATGAGAGAA 1270
QY 1147 AATGAAGAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAATGACATAGA 1206
DB 1271 AATGAAGAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAATGACATAGA 1330
QY 1207 GGAGCGAGCTCGAGGAGATGCTGTTTTCCCTAAGGTGAATGAGCAGGTGAATTCG 1266
DB 1331 GGAGCGAGCTCGAGGAGATGCTGTTTTCCCTAAGGTGAATGAGCAGGTGAATTCG 1390
QY 1267 CCTGATTCGTGTCACAAAGGAAAGCGTAATCTTCAAACTGGAAACATAA---AGATTAAA 1323
DB 1391 CCTGATTCGTGTCACAAAGGAAAGCGTAATCTTCAAACTGGAAACATAAAGCAGATTAAA 1450
QY 1324 TATCTCGTTGACATGAGCTTCATCATGGGATCTGTGACTGGAACAGGATAGAGAAGA 1383
DB 1451 TATCTCGTTGACATGAGCTTCATCATGGGATCTGTGACTGGAACAGGATAGAGAAGA 1510
QY 1384 TGATTTTGACTGGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCC 1443
DB 1511 TGATTTTGACTGGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCC 1570
QY 1444 GGCCTTGGCAGGTCAAGAAAGACATTTGGCCGANTGAACCTTCTCTACCTGACCTGCA 1503
DB 1571 GGCCTTGGCAGGTCAAGAAAGACATTTGGCCGANTGAACCTTCTCTACCTGACCTGCA 1630
QY 1504 ACCCAAAGCAACTTCTGTTTGTCTTTTGTATTACCGGCTGCGCGGAGACAAAGTCGGAA 1563
DB 1631 ACCCAAAGCAACTTCTGTTTGTCTTTTGTATTACCGGCTGCGCGGAGACAAAGTCGGAA 1690
QY 1564 ACTTCGAGTGTGTGAAAAACAGTAACAATGCGCTGGCAATGGGAAGAACCAACGAGTGA 1623
DB 1691 ACTTCGAGTGTGTGAAAAACAGTAACAATGCGCTGGCAATGGGAAGAACCAACGAGTGA 1750
QY 1624 GGATGAAAGTGGGAAGACAGGGAATTCAGTTGTATCAAGGAACGTGCTACCAAAAG 1683
DB 1751 GGATGAAAGTGGGAAGACAGGGAATTCAGTTGTATCAAGGAACGTGCTACCAAAAG 1810
QY 1684 CATCATTTTGAAGCAGAACGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGGCT 1743
DB 1811 CATCATTTTGAAGCAGAACGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGATGGCT 1870
QY 1744 CTTCGCTGTTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTGGAATGTTACT 1803
DB 1871 CTTCGCTGTTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTGGAATGTTACT 1930
QY 1804 ATCTTTATATTGACTTTTGTATGTACGTTCCCTGGTTTTTTTGATATTGTCATCATAGGAC 1863
DB 1931 ATCTTTATATTGACTTTTGTATGTACGTTCCCTGGTTTTTTTGATATTGTCATCATAGGAC 1990
QY 1864 CTCTGGCAATTTAGAAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTATGT 1923
DB 1991 CTCTGGCAATTTAGAAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTATGT 2050
QY 1924 AAGATGCTCTTCTTGTATAGATATGCAATATTGCTTTAAATATCATATCACTGTATC 1983
DB 2051 AAGATGCTCTTCTTGTATAGATATGCAATATTGCTTTAAATATCATATCACTGTATC 2110
QY 1984 TTCTCAGTCATTTCTGAATCTTTTCNCAATTAATTAATAAATTTGGAANGTCAGTTTAT 2043
DB 2111 TTCTCAGTCATTTCTGAATCTTTTCNCAATTAATTAATAAATTTGGAANGTCAGTTTAT 2170
QY 2044 CTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTTGATGCTTCTCTTACCAAT 2103
DB 2171 CTCCCTCTCTCAGTATATCTGATTTGTATANGTANGTTGATGCTTCTCTTACCAAT 2230
QY 2104 TTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGACTCTTTATGATACT 2163

DB 2231 TTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGACTCTTATGATACT 2290
QY 2164 TCTTGGAAACTATGACATCAAAAGATAGACTTTTTCCTTAAGTGGCTTAGCTGGTCTTTCA 2223
DB 2291 TCTTGGAAACTATGACATCAAAAGATAGACTTTTTCCTTAAGTGGCTTAGCTGGTCTTTCA 2350
QY 2224 TAGCCAAACTTGTATATTT-AAATCTTTGTAATAATAA 2260
DB 2351 TAGCCAAACTTGTATATTTAAATCTTTTGTAAATAATAA 2388
RESULT 103
US-10-117-722-189
; Sequence 189, Application US/10117722
; Publication No. US20030219744A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. US20030219744A1 Polypeptides
; FILE REFERENCE: 784CIP2BCIP
; CURRENT APPLICATION NUMBER: US/10/117,722
; CURRENT FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1104
; SOFTWARE: Pct_Fl_genes version 1.0
; SEQ ID NO 189
; LENGTH: 2413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (258)..(1922)
US-10-117-722-189
Query Match 97.6%; Score 2206.2; DB 16; Length 2413;
Best Local Similarity 99.3%; P-red. No. 0;
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

QY 8 GTGGTTCGAGTGGAGCGGAGGACCCGAGCGGCTCGAGGAGAGAGAGCGGCGCTTAGC 67
DB 131 GTAACCTGCGAGTGGAGCGGAGGACCCGAGCGGCTCGAGGAGAGAGAGCGGCGCTTAGC 190
QY 68 TGCTACGGGTCCTCGGCGCGGCGCTCCCGAGGGGGGCTCAGGAGGAGGAAGAGGACCCG 127
DB 191 TGCTACGGGTCCTCGGCGCGGCGCTCCCGAGGGGGGCTCAGGAGGAGGAAGAGGACCCG 250
QY 128 TGGAGATAGCTCTGCTCCCTCGAGCGCTTCCGCTCCGCTGCTGCTCTCTCTGGGTGGAGG 187
DB 251 TGGAGATAGCTCTGCTCCCTCGAGCGCTTCCGCTCCGCTGCTGCTCTCTCTGGGTGGAGG 310
QY 188 TGGTTTCGGGAACCGCGGCCAGTCAGGAGGATCACGGGTTGTTAGCATCGGCACTGAGCC 247
DB 311 TGGTTTCGGGAACCGCGGCCAGTCAGGAGGATCACGGGTTGTTAGCATCGGCACTGAGCC 370
QY 248 TGGGTCGTGTCATATGGAACCTAACTGGCCTGCTGCTACGGCTGAGAGGAAGAACAGCAA 307
DB 371 TGGGTCGTGTCATATGGAACCTAACTGGCCTGCTGCTACGGCTGAGAGGAAGAACAGCAA 430
QY 308 GGGAGTCTGTGAAGCTACATGCGAACCTCGATGTAAAGTTTGGTGTAGTGGTGGGACCAA 367
DB 431 GGGAGTCTGTGAAGCTACATGCGAACCTCGATGTAAAGTTTGGTGTAGTGGTGGGACCAA 490
QY 368 CAATGCAAGATGCTTTCCAGGATACACCGGGAAACCTCGCACTCAAGATGTGAATGATG 427


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; SEQ ID NO 23
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)..(1863)
US-09-981-649A-23
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Query Match 96.3%; Score 2176.6; DB 9; Length 2365;
Best Local Similarity 99.0%; Pred. NO. 0;
Matches 2235; Conservative 3; Mismatches 15; Indels 5;

Qy	8	CTGGGTGCGAGTGGAGCCGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCGCGGCTTAGC	67
Db	78	GTAACATGCGAGTGGAGCGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCGCGGCTTAGC	137
Qy	68	TGCTACGGGGTCCGGCCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGAGACCCG	127
Db	138	TGCTACGGGGTCCGGCCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGAGACCCG	197
Qy	128	TGCGAGAAATGCTCTGCGCTTGGAGGCTTGGCGCTCCCGCTGCTGCTCTCTCTGGTGGTGGCAGG	187
Db	198	TGCGAGAAATGCTCTGCGCTTGGAGGCTTGGCGCTCCCGCTGCTGCTCTCTCTGGTGGCAGG	257
Qy	188	TGGTTTCGGGAAACGCGGCGCAGTGCAGAGCATCACGGGTGTTTAGCATCGGCACGTCAGCC	247
Db	258	TGGTTTCGGGAAACGCGGCGCAGTGCAGAGCATCACGGGTGTTTAGCATCGGCACGTCAGCC	317
Qy	248	TGGGGTCTGTCACTATGGAACATAAACTGGGCTGCTGCTACGGCTGCAGAGAGAAACAGCAA	307
Db	318	TGGGGTCTGTCACTATGGAACATAAACTGGGCTGCTGCTACGGCTGCAGAGAGAAACAGCAA	377
Qy	308	GGGAGTCTGTGAAGCTACATGCGAACTCTGGAATGTAAGTTGGTGGTGAAGTGGGACCCAA	367
Db	378	GGGAGTCTGTGAAGCTACATGCGAACTCTGGAATGTAAGTTGGTGGTGAAGTGGGACCCAA	437
Qy	368	CAAACTGCAGATGCTTTCCAGGATACACCGGGAAACCTGCAGTCAAGATGTGAATGAGTG	427
Db	438	CAAACTGCAGATGCTTTCCAGGATACACCGGGAAACCTGCAGTCAAGATGTGAATGAGTG	497
Qy	428	TGGAATGAAACCCCGGCCATGCCAAACAGATGTGTAATACACACGGAAGCTACAGTG	487
Db	498	TGGAATGAAACCCCGGCCATGCCAAACAGATGTGTAATACACACGGAAGCTACAGTG	557
Qy	488	CTTTTGGCTCAGTGGGCCATGCTCTCATGCCAGATGCTACGTGTGTGAATCTTAGGACATG	547
Db	558	CTTTTGGCTCAGTGGGCCATGCTCTCATGCCAGATGCTACGTGTGTGAATCTTAGGACATG	617
Qy	548	TGCCATGATAAACTGTGTCAGTACAGTGTGTGAACACACAGAGAGAGGCCACAGTGCCCTGTG	607
Db	618	TGCCATGATAAACTGTGTCAGTACAGTGTGTGAACACACAGAGAGAGGCCACAGTGCCCTGTG	677
Qy	608	TCCATCTCTCAGGACTCCGGCTGGCCCCCAAAATGGAGAGAGCTGTCTAGATATTGATGAATG	667
Db	678	TCCATCTCTCAGGACTCCGGCTGGCCCCCAAAATGGAGAGAGCTGTCTAGATATTGATGAATG	737
Qy	668	TGGCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACACATTTGGAGACTA	727
Db	738	TGGCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACACATTTGGAGACTA	797
Qy	728	CTACTCGCAAAATGTCAATTTGGTTTCGAACTGCAATATATCAGTGGACGATGACCTGTAT	787
Db	798	CTACTCGCAAAATGTCAATTTGGTTTCGAACTGCAATATATCAGTGGACGATGACCTGTAT	857
Qy	788	AGATATAAATGAATGTACTATCGATAGCCATACGTGGACGCCACCATGCCAATTCCTTCAA	847
Db	858	AGATATAAATGAATGTACTATCGATAGCCATACGTGGACGCCACCATGCCAATTCCTTCAA	917
Qy	848	TACCACCAAGGCTCCTTTCAAGTGTAAATGCAACAGGATATATAAGGCAATCGACTTCGGTG	907
Db	918	TACCACCAAGGCTCCTTTCAAGTGTAAATGCAACAGGATATATAAGGCAATCGACTTCGGTG	977

QY	908	TTCTGCTATCCCTGAAAAATTCGTGAGAGAAAGTCTCTCAGAGCACCCTGGTACCACTCAAGA	967
DB	978	TTCTGCTATCCCTGAAAAATTCGTGAGAGAAAGTCTCTCAGAGCACCCTGGTACCACTCAAGA	1037
QY	968	CAGAATCAAGAAAGTCTGCTTGTCTCACAATAAAGCAGATGAAATAAGAGGCAAAAATTTAAAA	1027
DB	1038	CAGAATCAAGAAAGTCTGCTTGTCTCACAATAAAGCAGATGAAATAAGAGGCAAAAATTTAAAA	1097
QY	1028	TGTTACCCGAGAACCCACAGAGACTCTTACCCTTAAGGTGAACTTGCAGAGCCCTTCAACTA	1087
DB	1098	TGTTACCCGAGAACCCACAGAGACTCTTACCCTTAAGGTGAACTTGCAGAGCCCTTCAACTA	1157
QY	1088	TGAAGAGATAGTTTCCAGAGGCGGGAATCTCATGGAGGTAAAAAAGGGAATGAAGAG-A	1146
DB	1158	TGAAGAGATAGTTTCCAGAGGCGGGAATCTCATGGAGGTAAAAAAGGGAATGAAGAGAA	1217
QY	1147	AATGAAGAGGGCTTGAGGNTGAGAAAGAGAGAGAAAGCCCTGTAAGAGATGACATAGA	1206
DB	1218	AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGTAAGAGATGACATAGA	1277
QY	1207	GGAGCGAAGCCTCGAGGAGATGTGTTTTTCCCTAAAGTGAATGAAGCAGAGTGAATTCGG	1266
DB	1278	GGAGCGAAGCCTCGAGGAGATGTGTTTTTCCCTAAAGTGAATGAAGCAGAGTGAATTCGG	1337
QY	1267	CCTGATTTCTGCTCCAAAGGAAAGCGCTACTTCCAAAATCTGGAAATATAAGATTTAAATAT	1326
DB	1338	CCTGATTTCTGCTCCAAAGGAAAGCGCTACTTCCAAAATCTGGAAATATAAGATTTAAATAT	1397
QY	1327	CTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAAAAGAGATAGAGAAGTGA	1386
DB	1398	CTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAAAAGAGATAGAGAAGTGA	1457
QY	1387	TTTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCGCGC	1446
DB	1458	TTTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCGCGC	1517
QY	1447	CTTGGCAGGTCACAAGAAAGACATTCGGCCGATTTGAAATCTTCTCTTACTGACCTGCAACC	1506
DB	1518	CTTGGCAGGTCACAAGAAAGACATTCGGCCGATTTGAAATCTTCTCTTACTGACCTGCAACC	1577
QY	1507	CCAAAGCAACTTCGTGTTTGTCTTTCATTTACCGGCTGGCCGAGACAAAAGTCGGGAAACT	1566
DB	1578	CCAAAGCAACTTCGTGTTTGTCTTTCATTTACCGGCTGGCCGAGACAAAAGTCGGGAAACT	1637
QY	1567	TCGAGTGTGTTGAAAAACAGTAAACAATGCCCTGGCATGGGGAAGACACAGAGTGAAGA	1626
DB	1638	TCGAGTGTGTTGAAAAACAGTAAACAATGCCCTGGCATGGGGAAGACACAGAGTGAAGA	1697
QY	1627	TCGAAAGTGGAAACACGGGAAAATTCAGTTGTATCAAGGAACCTGATGCTACCAAAAGCAT	1686
DB	1698	TCGAAAGTGGAAACACGGGAAAATTCAGTTGTATCAAGGAACCTGATGCTACCAAAAGCAT	1757
QY	1687	CATTTTTCAGACAGACGTGGCAAGGGCAAAACCGCGGAAATTCGAGTGGATGCGGCTT	1746
DB	1758	CATTTTTCAGACAGACGTGGCAAGGGCAAAACCGCGGAAATTCGAGTGGATGCGGCTT	1817
QY	1747	GCTGCTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGATGACTGAATGTTACTATC	1806
DB	1818	GCTGCTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGATGACTGAATGTTACTATC	1877
QY	1807	TTTATATTGACTTTGTATGTGACTGCTCCCTGGTTTTTTTGTATTTGCACTCATAGGCCTC	1866
DB	1878	TTTATATTGACTTTGTATGTGACTGCTCCCTGGTTTTTTTGTATTTGCACTCATAGGCCTC	1937
QY	1867	TGCGCAATTTAGAAATTAAGT-AGCTGAAAAATTTGTAATGTACCAACAGAAA-TATTATTGTA	1924
DB	1938	TGCGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAAATTTATTGTA	1997
QY	1925	AGATGCTCTTCTGTATAGATATGCAATATTGCTTTTAAATATCAATCATCACTGTATCT	1984
DB	1998	AGATGCTCTTCTGTATAGATATGCAATATTGCTTTTAAATATCAATCATCACTGTATCT	2057
QY	1985	TCTCAGTCAATTTCTGAACTCTTCCNCAATATATTTATAAAATNTGAAAANGA-GTTTAT	2043

Db 2058 TCTCAGTCAATTTCTGAATCTTTCCACATTAATATATAAATATGGAATGTCAGGTTTAT 2117
Qy 2044 CTCCTCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTCTCTCTACAAAT 2103
Db 2118 CTCCTCCTCCTCAGTATATCTGATTTGTATAGTAAGTTGATGAGCTTCTCTCTGCAACAT 2177
Qy 2104 TTCTAGAAAATAGAAAAAAGCAGAGAAAATGTTTAACTGTTTGACTCTTATGATCT 2163
Db 2178 TTCTAGAAAATAGAAAAAAGCAGAGAAAATGTTTAACTGTTTGACTCTTATGATCT 2237
Qy 2164 TCTTGGAAAATCAGATCAAAAGATAGACTTTGCTTAAGTGGCTAGCTGGGTCTTTCA 2223
Db 2238 TTTTGGAAAATCAGATCAAAAGATAGACTTTGCTTAAGTGGCTAGCTGGGTCTTTCA 2297
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Db 2298 TAGCCAAACTTGATATTTAAATCTTTGTAATAATAA 2335

RESULT 105
US-10-399-123-23
; Sequence 23, Application US/10399123
; Publication No. US20040059098A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/10/399,123
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)..(1863)
US-10-399-123-23

Query Match 96.3%; Score 2176.6; DB 13; Length 2365;
Best Local Similarity 99.0%; Pred. No. 0;
Matches 2235; Conservative 3; Mismatches 15; Indels 5; Gaps 5;
Qy 8 GTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGCGGCTTAGC 67
Db 78 GTAACCTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGCGGCTTAGC 137
Qy 68 TGCTACGGGFTCCGGCGCGGCGGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGAGCCCG 127
Db 138 TGCTACGGGFTCCGGCGCGGCGGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGAGCCCG 197
Qy 128 TGCAGAGATGCTCTGCGCTGGAGCCTTGCGCTCCGCGCTGCTCTCTCTGCTGGTGGCAGG 187
Db 198 TGCAGAGATGCTCTGCGCTGGAGCCTTGCGCTCCGCGCTGCTCTCTCTGCTGGTGGCAGG 257
Qy 188 TGGTTTCGGGAACCGCGCCAGTGAAGGCATCAAGGTTTGTAGCATCGGCACGTCAGCC 247
Db 258 TGGTTTCGGGAACCGCGCCAGTGAAGGCATCAAGGTTTGTAGCATCGGCACGTCAGCC 317
Qy 248 TGGGCTGTGTCATCTGGAATTAAGTGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 307
Db 318 TGGGCTGTGTCATCTGGAATTAAGTGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 377
Qy 308 GGGAGTCTGGAAGTACATCGCAACCTGGATGTAAGTTTGGTGAAGTGGGCTGGGACCAA 367

Db 378 GGGAGTCTGTGAAGTACATCGCAACCTGGATGTAAGTTTGGTGAAGTGGGACCAA 437
Qy 368 CAAATCAGATGCTTTCCAGGATACACCGGGAAAACCTGCACTCAAGATGGAATGAGTG 427
Db 438 CAAATCAGATGCTTTCCAGGATACACCGGGAAAACCTGCACTCAAGATGGAATGAGTG 497
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Db 498 TGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAGCTACAGTG 557
Qy 488 CTTTGGCTCAGTGGGCAATGCTCAATGCCAGATGCTACGTGTGAACTCTAGGACATG 547
Db 558 CTTTGGCTCAGTGGGCAATGCTCAATGCCAGATGCTACGTGTGAACTCTAGGACATG 617
Qy 548 TGCATGATAAACTGTGCTAGTACAGCTGTCAAGACACAGAGAGGCGCCACAGTGGCTGTG 607
Db 618 TGCATGATAAACTGTGCTAGTACAGCTGTCAAGACACAGAGAGGCGCCACAGTGGCTGTG 677
Qy 608 TCCATCTCAGGACTCCGCTCGCCCCCAATGGAAGAGACTCTCTAGATATTTGATGAATG 667
Db 678 TCCATCTCAGGACTCCGCTCGCCCCCAATGGAAGAGACTCTCTAGATATTTGATGAATG 737
Qy 668 TGCCTCTGGTAAAGTCAATCTGTCCCTACAAATCGAAGATGTGGAACATTTGGAGCTA 727
Db 738 TGCCTCTGGTAAAGTCAATCTGTCCCTACAAATCGAAGATGTGGAACATTTGGAGCTA 797
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Db 798 CTACTGCAAAATGTCATTTGGTTTCGAACTGCAATATATATCACTGGACGATATGACTGTAT 857
Qy 788 AGATATAAATGAATGTACTATGGATAGCCATACGCTGCAGCCACCATGCCAATTTGCTTCA 847
Db 858 AGATATAAATGAATGTACTATGGATAGCCATACGCTGCAGCCACCATGCCAATTTGCTTCA 917
Qy 848 TACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGAGATATAAGCAATTTGGACTTCGGTG 907
Db 918 TACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGAGATATAAGCAATTTGGACTTCGGTG 977
Qy 908 TTCTGCTATCCCTGAAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTGTGTACCATCAAGA 967
Db 978 TTCTGCTATCCCTGAAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTGTGTACCATCAAGA 1037
Qy 968 CAGAAATCAAGAAAGTGTCTTCTCACAACCAAGCATGAAAAAGAGAGGCAAAAAATTAATA 1027
Db 1038 CAGAAATCAAGAAAGTGTCTTCTCACAACCAAGCATGAAAAAGAGAGGCAAAAAATTAATA 1097
Qy 1028 TGTTACCCAGAAACCCACAGGACTCTTACCCCTAAGGTGAATTTGCAAGCCCTTCAACTA 1087
Db 1098 TGTTACCCAGAAACCCACAGGACTCTTACCCCTAAGGTGAATTTGCAAGCCCTTCAACTA 1157
Qy 1088 TGAAGAGATAGTTTCCAGAGGCGGGAACTCTCATGAGGTAAAAAAGGGAATGAAGAG-A 1146
Db 1158 TGAAGAGATAGTTTCCAGAGGCGGGAACTCTCATGAGGTAAAAAAGGGAATGAAGAGAA 1217
Qy 1147 AATGAAAGAGGGCTTTGAGGATGAGAAAAAGAGAGAAAGCCCTTGAAGAAATGACATAGA 1206
Db 1218 AATGAAAGAGGGCTTTGAGGATGAGAAAAAGAGAGAAAGCCCTTGAAGAAATGACATAGA 1277
Qy 1207 GAGCGCAAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGANTCGG 1266
Db 1278 GAGCGCAAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGANTCGG 1337
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Db 1338 CCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTTCCAAACTGGAAACATAAAGATTTAAATAT 1397
Qy 1327 CTGGTGTGACTGAGCTTCAATCATGGGATCTGTGACTTGGAAAACAGGATAGGAAGATGA 1386
Db 1398 CTCGGTGTGACTGAGCTTCAATCATGGGATCTGTGACTTGGAAAACAGGATAGGAAGATGA 1457
Qy 1387 TTTTGTGACTGGAATCTCTGCTGATCGAGATAAATGCTATTTGGCTTCTATATGGCAAGTTCGGGC 1446
Db 1458 TTTTGTGACTGGAATCTCTGCTGATCGAGATAAATGCTATTTGGCTTCTATATGGCAAGTTCGGGC 1517

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1447 CTTGGCAGGTCAACAAGAAAGACATGGCCGATTGAAACTTCTCTACCTGACCTGCAACC 1506
1518 CTTGGCAGGTCAACAAGAAAGACATGGCCGATTGAAACTTCTCTACCTGACCTGCAACC 1577
1507 CCAAGCAACTTCTGTTGCTCTTTGATTACCGCTGGCGGAGACAAAGTCGGGAACCT 1566
1578 CCAAGCAACTTCTGTTGCTCTTTGATTACCGCTGGCGGAGACAAAGTCGGGAACCT 1637
1567 TCGAGTCTTTGTGAAAAACAGTAACATGCTTGGCATGGGGAAGACACACAGTGAAGA 1626
1638 TCGAGTCTTTGTGAAAAACAGTAACATGCTTGGCATGGGGAAGACACACAGTGAAGA 1697
1627 TGAAGTGAAGACAGGGAATTCAGTTGATCAAGCACTGATGCTTACCAAGCAT 1686
1698 TGAAGTGAAGACAGGGAATTCAGTTGATCAAGCACTGATGCTTACCAAGCAT 1757
1687 CATTTTGAAGCAGAACTGCGCAAGGCAAAACCGCGCAAACTCGCAGTGGATGGGCTCT 1746
1758 CATTTTGAAGCAGAACTGCGCAAGGCAAAACCGCGCAAACTCGCAGTGGATGGGCTCT 1817
1747 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTTACTATC 1806
1818 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTTACTATC 1877
1807 TTTATATTGACTTTGATGTCAGTTCCTGCTTTTGTGATTTGATTCATCATAGACCTC 1866
1878 TTTATATTGACTTTGATGTCAGTTCCTGCTTTTGTGATTTGATTCATCATAGACCTC 1937
1867 TGGCAATTTAGAAATCT-AGCTGAAAAATGTAATGATACCAACAGAAA-TATTAATGTA 1924
1938 TGGCAATTTAGAAATCTAGCTGAAAAATGTAATGATACCAACAGAAAATTAATGTA 1997
1925 AGATGCTCTTCTGATTAAGATATGCCAATATTTGCTTTAAATCATATCATCTATCT 1984
1998 AGATGCTCTTCTGATTAAGATATGCCAATATTTGCTTTAAATCATATCATCTATCT 2057
1985 TCTCAGTCATTTGAAATCTTCCNCAATATATATATAAAATNTGGAANGTCA-GTTTAT 2043
2058 TCTCAGTCATTTGAAATCTTCCNCAATATATATATAAAATNTGGAANGTCA-GTTTAT 2117
2044 TCCCTCTCTGCTATATCTGATTTGATATGATGATGATGCTTCTCTTACCAAT 2103
2118 TCCCTCTCTGCTATATCTGATTTGATATGATGATGATGCTTCTCTTACCAAT 2177
2104 TTTAGAAAAATAGAAAAAAGCAGAGAAATTTTAACTTTGATCTTTAAGTACT 2163
2178 TTTAGAAAAATAGAAAAAAGCAGAGAAATTTTAACTTTGATCTTTAAGTACT 2237
2164 TCTTGGAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTAGCTGCTTTCA 2223
2238 TTTTGGAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTAGCTGCTTTCA 2297
2224 TAGCCAAACTTGTATATTT-AACTTTTGTAAATAA 2260
2298 TAGCCAAACTTGTATATTTAAATTTCTTTGTAATAA 2335

RESULT 106
US-10-124-986-23
; Sequence 23, Application US/10124986
; Publication No. US20030036508A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
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; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)..(1863)
US-10-124-986-23

Query Match          96.3%; Score 2176.6; DB 15; Length 2365;
Best Local Similarity 99.0%; Pred. No. 0;
Matches 2235; Conservative 3; Mismatches 15; Indels 5; Gaps 5;

QY      8 GTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGCGGCTTAGC 67
DB      78 GTAACGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGCGGCTTAGC 137
QY      68 TGTACGGGGTCCGGCCGGCGGCTCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCG 127
DB      138 TGTACGGGGTCCGGCCGGCGGCTCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCG 197
QY      128 TGGCAGAAATGCTCTCTGCTTGGAGCGCTTGGCGTCCCGCTGCTCTCTCTGCTGCGAGG 187
DB      198 TGGCAGAAATGCTCTCTGCTTGGAGCGCTTGGCGTCCCGCTGCTCTCTCTGCTGCGAGG 257
QY      188 TGTTCGGAAGCGCGGCGAGTGCAGGCGATCAGGGTGTGTAGCATGGCAGCTCAGCC 247
DB      258 TGTTCGGAAGCGCGGCGAGTGCAGGCGATCAGGGTGTGTAGCATGGCAGCTCAGCC 317
QY      248 TGGGGTCTGTCATCTATGGAATCTGAACTGGCGCTGCTGCTACCGCTGGAGAGAAACAGCAA 307
DB      318 TGGGGTCTGTCATCTATGGAATCTGAACTGGCGCTGCTGCTACCGCTGGAGAGAAACAGCAA 377
QY      308 GGGAGTCTGGAAGCTACATGCGAACCTGGATGTAAGTTGGTGGAGCTGGGACCAA 367
DB      378 GGGAGTCTGGAAGCTACATGCGAACCTGGATGTAAGTTGGTGGAGCTGGGACCAA 437
QY      368 CAAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCAGTCAAGATGTAAGTGA 427
DB      438 CAAATGCAGATGCTTTCCAGGATACACCGGGGAAACCTGCAGTCAAGATGTAAGTGA 497
QY      428 TGGAAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACGGAAGCTACAGTG 487
DB      498 TGGAAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACGGAAGCTACAGTG 557
QY      488 CTTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAACCTCTAGGACATG 547
DB      558 CTTTTCCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAACCTCTAGGACATG 617
QY      548 TGCATGATAAACTGTTCAGTACAGCTGTGGAACACAGAGAGAGGCGCCACAGTGGCTGTG 607
DB      618 TGCATGATAAACTGTTCAGTACAGCTGTGGAACACAGAGAGAGGCGCCACAGTGGCTGTG 677
QY      608 TCCATCTCTCAGGACTCCGCTGGCCCAATGGAAGAGAGCTGTCTAGATATTGATGAATG 667
DB      678 TCCATCTCTCAGGACTCCGCTGGCCCAATGGAAGAGAGCTGTCTAGATATTGATGAATG 737
QY      668 TGCCTCTGGTAAAGTCACTGTCCCTCAATCGAAGATGTGTGAACACATTTGGAAGCTA 727
DB      738 TGCCTCTGGTAAAGTCACTGTCCCTCAATCGAAGATGTGTGAACACATTTGGAAGCTA 797
QY      728 CTACTGCAATGTCACTAGTGTTCGAATGCAATATATCAGTGGAGCATATGACCTGTAT 787
DB      798 CTACTGCAATGTCACTAGTGTTCGAATGCAATATATCAGTGGAGCATATGACCTGTAT 857
QY      788 AGATATAAATGAATGTACTATGATAGCCATACGTCAGCACCAATGCCCAATGCTTCAA 847
DB      858 AGATATAAATGAATGTACTATGATAGCCATACGTCAGCACCAATGCCCAATGCTTCAA 917
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QY 848 TACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGACTTCGGTG 907
Db 918 TACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGACTTCGGTG 977
QY 908 TTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCCTCAGAGCAGCTGTGTACCATCAAGA 967
Db 978 TTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCCTCAGAGCAGCTGTGTACCATCAAGA 1037
QY 968 CAGAAATCAAGAAAGTTGCTGCTCACAATAACAGCATGAAATAAGAGGCAAAATTTAAAAA 1027
Db 1038 CAGAAATCAAGAAAGTTGCTGCTCACAATAACAGCATGAAATAAGAGGCAAAATTTAAAAA 1097
QY 1028 TGTATACCCAGAACCCACAGGACTCTACCCCTPAGGTGAATCTGCAGCCCTTCAACTA 1087
Db 1098 TGTATACCCAGAACCCACAGGACTCTACCCCTPAGGTGAATCTGCAGCCCTTCAACTA 1157
QY 1088 TGAAGAGATAGTTTCCAGAGCGCGGAATCTCTCATGGAGGTAAAAAGGGAATGAAGAG-A 1146
Db 1158 TGAAGAGATAGTTTCCAGAGCGCGGAATCTCTCATGGAGGTAAAAAGGGAATGAAGAGAA 1217
QY 1147 AATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGA 1206
Db 1218 AATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGA 1277
QY 1207 GGAGCGAAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266
Db 1278 GGAGCGAAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1337
QY 1267 CTGATTTCTGGTCAAGGAAGCGGTAACTTCCAAACTGGAACATAAGATTTAAATAT 1326
Db 1338 CTGATTTCTGGTCAAGGAAGCGGTAACTTCCAAACTGGAACATAAGATTTAAATAT 1397
QY 1327 CTGGTTGACTGACGCTTCAATCATGGATCTGTGACTGTGAACTGGAACAGGATAGAAGATGA 1386
Db 1398 CTGGTTGACTGACGCTTCAATCATGGATCTGTGACTGTGAACTGGAACAGGATAGAAGATGA 1457
QY 1387 TTTTGAAGTGAATCTGCTGATCGAGATGAATGCTATGCTTCTATATGGCAGTTCCGGC 1446
Db 1458 TTTTGAAGTGAATCTGCTGATCGAGATGAATGCTATGCTTCTATATGGCAGTTCCGGC 1517
QY 1447 CTGGCAGGTCAAGAAAGACATTCGCGATTGAACTTCTTACCTGACCTGCAACC 1506
Db 1518 CTGGCAGGTCAAGAAAGACATTCGCGATTGAACTTCTTACCTGACCTGCAACC 1577
QY 1507 CCAAGCAACTTCTGTTGCTTTTGATTAACGGCTGGCGGAGACAAAGTCGGAAACT 1566
Db 1578 CCAAGCAACTTCTGTTGCTTTTGATTAACGGCTGGCGGAGACAAAGTCGGAAACT 1637
QY 1567 TCAGAGTTTGTCAAAACAGTAACAAATGCCCTGGCATGGAGAGAGACCAAGGTGAGGA 1626
Db 1638 TCAGAGTTTGTCAAAACAGTAACAAATGCCCTGGCATGGAGAGAGACCAAGGTGAGGA 1697
QY 1627 TGAAGGTGGAAGACAGGGAAAAATTCAGTTGTATCAAGGAATGATGCTTACCAAAAGCAT 1686
Db 1698 TGAAGGTGGAAGACAGGGAAAAATTCAGTTGTATCAAGGAATGATGCTTACCAAAAGCAT 1757
QY 1687 CATTTTGAAGCAGACGTGGCAGGGCAAAACCGCGAAATCGCAGTGGATGGGCTTT 1746
Db 1758 CATTTTGAAGCAGACGTGGCAGGGCAAAACCGCGAAATCGCAGTGGATGGGCTTT 1817
QY 1747 GCTTGTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATC 1806
Db 1818 GCTTGTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATC 1877
QY 1807 TTTATATTGACATTGTATGTCAAGTCCCTGGTTTTTTTGTATTTGATTCATAGACCTC 1866
Db 1878 TTTATATTGACATTGTATGTCAAGTCCCTGGTTTTTTTGTATTTGATTCATAGACCTC 1937
QY 1867 TGGCATTTAAGAAATTACT-AGCTGAAAAAATTTAATGTATCAACACAGAA-TATTATTGTA 1924
Db 1938 TGGCATTTAAGAAATTACTAGCTGAAAAATTTAATGTATCAACACAGAAATTATTATTGTA 1997
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QY 1925 AGATGCTTCTCTGTATAGATATGCCAATATTTCTCTTTAAATATCATATACATGTATCT 1984
Db 1998 AGATGCTTCTCTGTATAGATATGCCAATATTTCTCTTTAAATATCATATACATGTATCT 2057
QY 1985 TCTCAGTCATTTCTGAATCTTTCCNCATTTATTAATAAATNTGGARANGTCA-GTTTTAT 2043
Db 2058 TCTCAGTCATTTCTGAATCTTTCCNCATTTATTAATAAATNTGGARANGTCA-GTTTTAT 2117
QY 2044 CTCCCTCTCTCTNGTATATCTGAATTTGTATANGTANGTTGATGNGCTTCTCTCAACAAT 2103
Db 2118 CTCCCTCTCTCTAGTATATCTGAATTTGTATAGTAAGTTGATGAGCTTCTCTCTGCAACAT 2177
QY 2104 TTCTAGAAATAGAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTTATGATATCT 2163
Db 2178 TTCTAGAAATAGAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTTATGATATCT 2237
QY 2164 TCTTGGAAACTATGACATCAAAAGTAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCA 2223
Db 2238 TCTTGGAAACTATGACATCAAAAGTAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCA 2297
QY 2224 TAGCCAAACTCTGATATTTT-AACTCTTTGTAATATAA 2260
Db 2298 TAGCCAAACTCTGATATTTAAATTTCTTTGTAATATAA 2335

RESULT 107
US-10-136-227A-23
; Sequence 23, Application US/10136227A
; Publication No. US20030165866A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; PRIOR FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US/09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US/09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US/09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US/09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)..(1863)
US-10-136-227A-23

Query Match 96.3%; Score 2176.6; DB 15; Length 2365;
Best Local Similarity 99.0%; Pred. No. 0;
Matches 2235; Conservative 3; Mismatches 15; Indels 5; Gaps 5;

QY 8 GTGGGTGCGAGTGGAGCGAGGACCCGAGCGGCTGAGGAGAGAGAGCGCGCGGCTTAGC 67
Db 78 GTAACTGCGAGTGGAGCGAGGACCCGAGCGGCTGAGGAGAGAGAGCGCGGCTTAGC 137
QY 68 TGTCTAGCGGGTCCGGCCGGCGCCCTCCCGAGGGGGCTCAGAGAGAGAGAGAGAGCCG 127
Db 138 TGTCTAGCGGGTCCGGCCGGCGCCCTCCCGAGGGGGCTCAGAGAGAGAGAGAGAGCCG 197
QY 128 TGGAGAAATGCTCTGCTCGCTTGGAGCCTTGGCGTCCCGTCTGCTCTCTCTGGGTGGAGG 187
Db 198 TGGAGAAATGCTCTGCTCGCTTGGAGCCTTGGCGTCCCGTCTGCTCTCTCTGGGTGGAGG 257
QY 188 TGGTTTTCGGGAAACGGGGCAGTGCAGGATCATCAGGGTTGTTAGCATCGGCACGTCAGCC 247
Db 258 TGGTTTTCGGGAAACGGGGCAGTGCAGGATCATCAGGGTTGTTAGCATCGGCACGTCAGCC 317
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QY	248	TGGGGTCTGTCACTATGGAACTAAACTGGCCCTGCTGCTACGGCTGGAGAAAGAAACAGCAA	307
DB	318	TGGGGTCTGTCACTATGGAACTAAACTGGCCCTGCTGCTACGGCTGGAGAAAGAAACAGCAA	377
QY	308	GGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGAAGTCCGTGGGACCAA	367
DB	378	GGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGAAGTCCGTGGGACCAA	437
QY	368	CAAAATCAGATGCTTTCCAGGATACACCGGGAAAAACCTGCAATCAAGATGTGAATGAGTG	427
DB	438	CAAAATCAGATGCTTTCCAGGATACACCGGGAAAAACCTGCAATCAAGATGTGAATGAGTG	497
QY	428	TGGAATGAAACCCCGGCCATGCGAACACAGATGTGTGAATACACACGGAAGCTACAGTG	487
DB	498	TGGAATGAAACCCCGGCCATGCGAACACAGATGTGTGAATACACACGGAAGCTACAGTG	557
QY	488	CTTTTTCGCTCAGTGGCCACATGCTCATGCGCAGATGCTACGTGTGTGAATCTTAGGACATG	547
DB	558	CTTTTTCGCTCAGTGGCCACATGCTCATGCGCAGATGCTACGTGTGTGAATCTTAGGACATG	617
QY	548	TGCCATGATAAACTGTCACTGTGTGAAGACACAGAAAGAGGGCCACAGTGCCTGTG	607
DB	618	TGCCATGATAAACTGTCACTGTGTGAAGACACAGAAAGAGGGCCACAGTGCCTGTG	677
QY	608	TCCATCTCAGGACTCCGCTGGCCCCAAATGGAAGAGACTGTCTAGATATTGATGAATG	667
DB	678	TCCATCTCAGGACTCCGCTGGCCCCAAATGGAAGAGACTGTCTAGATATTGATGAATG	737
QY	668	TGCTCTCGTAAAGTCAATCTGTCCCTAATAATGGAAGATGTGTGAACACATTTGGAAGCTA	727
DB	738	TGCTCTCGTAAAGTCAATCTGTCCCTAATAATGGAAGATGTGTGAACACATTTGGAAGCTA	797
QY	728	CTACTGCAAAATGTACAAATGGTTTCCAACTGCAATATATCATGTGGAAGCATATGACTGTAT	787
DB	798	CTACTGCAAAATGTACAAATGGTTTCCAACTGCAATATATCATGTGGAAGCATATGACTGTAT	857
QY	788	AGATATAAATGGAATGTACTATGGAATGCCAATACGTGGCAGCACCATGCCAATTCCTTCAA	847
DB	858	AGATATAAATGGAATGTACTATGGAATGCCAATACGTGGCAGCACCATGCCAATTCCTTCAA	917
QY	848	TACCCAGGGTCCCTTCAAGTGTAAATGCAAGCAGGATATTAAGAGCAATGGCACTTCGGTG	907
DB	918	TACCCAGGGTCCCTTCAAGTGTAAATGCAAGCAGGATATTAAGAGCAATGGCACTTCGGTG	977
QY	908	TTCTGCTATCCCTGAAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGTGTACCATTAAGA	967
DB	978	TTCTGCTATCCCTGAAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGTGTACCATTAAGA	1037
QY	968	CAGAAATCAAGAAGTGTCTGTCTCACAAAAACAGCATGAAAAAGAGCCAAAAATTAATAA	1027
DB	1038	CAGAAATCAAGAAGTGTCTGTCTCACAAAAACAGCATGAAAAAGAGCCAAAAATTAATAA	1097
QY	1028	TGTTACCCACAGAACCCACAGGACTCCTACCCCTTAAGGTGAATCTTCAGGCCCTTCAACTA	1087
DB	1098	TGTTACCCACAGAACCCACAGGACTCCTACCCCTTAAGGTGAATCTTCAGGCCCTTCAACTA	1157
QY	1088	TGAAAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAGGGGAATGAAGAG-A	1146
DB	1158	TGAAAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAGGGGAATGAAGAGAA	1217
QY	1147	AATGAAAGAGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGATGACATAGA	1206
DB	1218	AATGAAAGAGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGATGACATAGA	1277
QY	1207	GGAGGAGCCCTCGGAGGAGATGTTTTTTTCCCTTAAGTCAATGAAGCAGGTGAAATTCGG	1266
DB	1278	GGAGGAGCCCTCGGAGGAGATGTTTTTTTCCCTTAAGTCAATGAAGCAGGTGAAATTCGG	1337
QY	1267	CTGTATTCCTGATCCAAAGGAAGCGCTAACTTCCAAATCGGAAACATAAAGATTTAAATAT	1326
DB	1338	CTGTATTCCTGATCCAAAGGAAGCGCTAACTTCCAAATCGGAAACATAAAGATTTAAATAT	1397

QY	1327	CTCGGTGACTGACGCTTCOATCATGGGATCTGTGACTGTGGAAACACAGGATAGAGAGATGA	1380
DB	1398	CTCGGTGACTGACGCTTCAATCATGGGATCTGTGACTGTGGAAACACAGGATAGAGAGATGA	1457
QY	1387	TTTTGACTGGAAATCCCTGCTGATCGAGATAATGCTATTTGGCTTCTATATATGCGAGTTTCCGCG	1446
DB	1458	TTTTGACTGGAAATCCCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGCGAGTTTCCGCG	1517
QY	1447	CTTGGCAGGTCACAGAAAGACATTTGGCCGANTGAAATCTTCTCTACCTGACCTCGAACCC	1506
DB	1518	CTTGGCAGGTCACAGAAAGACATTTGGCCGANTGAAATCTTCTCTACCTGACCTCGAACCC	1577
QY	1507	CCAAAGCAACTCTCTGTTTGCTCTTTGATTAACCGGCTGGCCGGAGACAAAGTCGGGAAACT	1566
DB	1578	CCAAAGCAACTCTCTGTTTGCTCTTTGATTAACCGGCTGGCCGGAGACAAAGTCGGGAAACT	1637
QY	1567	TCGAGTGTTTTGAAAAACAGTAACAAATGCGCTGGCATGGGAGAGAACACACAGNATGAGGA	1626
DB	1638	TCGAGTGTTTTGAAAAACAGTAACAAATGCGCTGGCATGGGAGAGAACACACAGNATGAGGA	1697
QY	1627	TGAAAGCTGGAAGCAGGGGAAATTCAGTTGTATCAAGAACTGATCTACCAAAAGCAT	1686
DB	1698	TGAAAGCTGGAAGCAGGGGAAATTCAGTTGTATCAAGAACTGATCTACCAAAAGCAT	1757
QY	1687	CATTTTGAAGCAGAACGTCGGCAAGGGCAAAACCGCGGAAATCGCAGTGATGCGCTCTT	1746
DB	1758	CATTTTGAAGCAGAACGTCGGCAAGGGCAAAACCGCGGAAATCGCAGTGATGCGCTCTT	1817
QY	1747	GCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGATCTGAAATGTTACTATC	1806
DB	1818	GCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGATCTGAAATGTTACTATC	1877
QY	1807	TTTATATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGGATATGCAATCATAGGACCTC	1866
DB	1878	TTTATATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGGATATGCAATCATAGGACCTC	1937
QY	1867	TGGCATTTTAGAATTACT-AGCTGAAAAATGTAATGTACCAACAGAAA-TATTATTGTA	1924
DB	1938	TGGCATTTTAAAAATTACTTAAGCTGAAAAATGTAATGTACCAACAGAAAATTTATTGTA	1997
QY	1925	AGATGCCCTTCTCTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCATCTGATCT	1984
DB	1998	AGATGCCCTTCTCTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCATCTGATCT	2057
QY	1985	TCTCAGCATTTCTGGAATCTTTCNCATATTTATATAAATNTGGAANGTCA-GTTTAT	2043
DB	2058	TCTCAGCATTTCTGGAATCTTTCACATATATATATAAATNTGGAANGTCAAGTTTAT	2117
QY	2044	CTCCCTCCTCNGTATATCTGATTTGTATANGTGTGATNGCTTCTCTCTACCAACAT	2103
DB	2118	CTCCCTCCTCAGTATATCTGATTTGTATAAGTAAGTTGATGAGCTTCTCTCTGCAACAT	2177
QY	2104	TTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGATACT	2163
DB	2178	TTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGATAGT	2237
QY	2164	TCTTGGAAACTATGACATCAAGATAGACATTTTGCCTTAAGTGGCTTAGCTGGGTCTTTCA	2223
DB	2238	TTTTGGAAACTATGACATCAAGATAGACATTTTGCCTTAAGTGGCTTAGCTGGGTCTTTCA	2297
QY	2284	TAGCCAAACTTGATATATTT-BATTTCTTTGTAAATATAA	2260
DB	2298	TAGCCAAACTTGATATATTTAAATTTCTTTGTAAATATAA	2335

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RESULT 108
US-10-112-881-23
; Sequence 23. Application US/10112881
; Publication No. US20030166909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363

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Db 1818 GCITGTTTCCAGGCTTATGTCAGATAGCCCTTTATCTGTGGATGACTGAATGTTACTATC 1877
Qy 1807 TTTATATTGACCTTTGATGTCAGTCCCTGGTGTGTTTGTGATATTGCATCATPAGACCTC 1866
Db 1878 TTTATATTGACCTTTGATGTCAGTCCCTGGTGTGTTTGTGATATTGTCATPAGACCTC 1937
Qy 1867 TGGCAATTTTGAATTAATCT-AGCTGAAAAATTTGTAATGTACCAACAGAAA-TATTATTGTA 1924
Db 1938 TGGCAATTTTGAATTAATCTAGCTGAAAAATTTGTAATGTACCAACAGAAA-TATTATTGTA 1997
Qy 1925 AGATGCCCTTCTGTTGTAATAGATATGCAATATTTGCTTTTAAATATCATATCACTATCT 1984
Db 1998 AGATGCCCTTCTGTTGTAATAGATATGCAATATTTGCTTTTAAATATCATATCACTATCT 2057
Qy 1985 TCTCAGTCATTTCTGATCTTTCCNCAATATATATATAAAATNTGGAANGTCA-GTTTAT 2043
Db 2058 TCTCAGTCATTTCTGATCTTTTCCCAATATATATATAAAATNTGGAANGTCA-GTTTAT 2117
Qy 2044 CTGCCCTCTCTGTTGTAATAGATATGCAATATTTGCTTTTAAATATCATATCACTATCT 2103
Db 2118 CTGCCCTCTCTGTTGTAATAGATATGCAATATTTGCTTTTAAATATCATATCACTATCT 2177
Qy 2104 TTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTGACTCTTTATGATACT 2163
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Qy 2164 TCTTGGAACTATGACATCAAGATAGACTTTTGGCTTAAAGTGGCTTAAAGTGGCTTAAAGT 2223
Db 2238 TTTTGGAACTATGACATCAAGATAGACTTTTGGCTTAAAGTGGCTTAAAGTGGCTTAAAGT 2297
Qy 2224 TAGCCAACTTGTATATTT-AACTCTTGTGAATAATAA 2260
Db 2298 TAGCCAACTTGTATATTTAAATCTTTTGTGAATAATAA 2335

RESULT 109

US-09-981-649A-5
; Sequence 5, Application US/09981649A
; Patent No. US20020132250A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 2810/37665
; CURRENT APPLICATION NUMBER: US/09/981.649A
; PRIORITY FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)...(1866)
; NAME/KEY: misc_feature
; LOCATION: (357)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-09-981-649A-5

Query Match 96.2%; Score 2174.6; DB 9; Length 2365;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;
Qy 8 GTGGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGAGAGAGGAGGCGGCGGCTTAGC 67
Db 78 GTAACTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGAGAGAGGAGGCGGCGGCTTAGC 137

Qy 68 TGCTACGGGGTCCGGCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAGGAGGAGCCCG 127
Db 138 TGCTACGGGGTCCGGCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAGGAGGAGCCCG 197
Qy 128 TGGAGAAATGCTCTCTGCGCTTGGAGGCTTGGCGTCCCGCTGCTGCTCTCTCTGCGGAGG 187
Db 198 TGGAGAAATGCTCTCTGCGCTTGGAGGCTTGGCGTCCCGCTGCTGCTCTCTCTGCGGAGG 257
Qy 188 TGGTTTGGGGAACGGCGGCGAGTGCAGGATCATCGGGTGTGTAGCATCGGCACTCAGCC 247
Db 258 TGGTTTGGGGAACGGCGGCGAGTGCAGGATCATCGGGTGTGTAGCATCGGCACTCAGCC 317
Qy 248 TGGGGTCTCTCTATATGGAATATAAATCGGCTGCTGCTACCGCTGGAGAGAAACAGCAA 307
Db 318 TGGGGTCTCTCTATATGGAATATAAATCGGCTGCTGCTACCGCTGGAGAGAAACAGCAA 377
Qy 308 GGGAGTCTGTGAAGTACATGCGAACCTGGAATGTAAGTTTGTGAGTGGCGTGGGACAAA 367
Db 378 GGGAGTCTGTGAAGTACATGCGAACCTGGAATGTAAGTTTGTGAGTGGCGTGGGACAAA 437
Qy 368 CAAATGAGATGCTTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGTGAATGAGTG 427
Db 438 CAAATGAGATGCTTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGTGAATGAGTG 497
Qy 428 TGGAAATGAACCCCGGCGCATGCGAACACAGATGTGTAATACACAGGAGGCTCAAGTG 487
Db 498 TGGAAATGAACCCCGGCGCATGCGAACACAGATGTGTAATACACAGGAGGCTCAAGTG 557
Qy 488 CTTTTCCTCTCAGTGGGCACTCTCATGCCAGATGCTACGTGTGTGAACTCTAGGACATG 547
Db 558 CTTTTCCTCTCAGTGGGCACTCTCATGCCAGATGCTACGTGTGTGAACTCTAGGACATG 617
Qy 548 TGGCATGATAAATGTCAGTACAGTGTGGAACACAGAGAGGCGGCGGCGGCTGCTG 607
Db 618 TGGCATGATAAATGTCAGTACAGTGTGGAACACAGAGAGGCGGCGGCGGCTGCTG 677
Qy 608 TCCATCTCTCAGGACTCCGCTCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 667
Db 678 TCCATCTCTCAGGACTCCGCTCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 737
Qy 668 TGGCTCTGTGTAAGTCACTCTGCTCCCTCAATGGAAGATGTGTGAACACATTTGGAGTGA 727
Db 738 TGGCTCTGTGTAAGTCACTCTGCTCCCTCAATGGAAGATGTGTGAACACATTTGGAGTGA 797
Qy 728 CTACTGCAATGTCACATGCTTTCGAACTGCAATATATCAGTGGAGGATGACTGTAT 787
Db 798 CTACTGCAATGTCACATGCTTTCGAACTGCAATATATCAGTGGAGGATGACTGTAT 857
Qy 788 AGATATAAATGAAATGATCTATGGAATGATGATGCGGCGGCGGCGGCGGCGGCGGCGG 847
Db 858 AGATATAAATGAAATGATGATGGAATGATGATGCGGCGGCGGCGGCGGCGGCGGCGG 917
Qy 848 TACCCAGGGTCTCTCAAGTGTAAATGCAAGCGGATATTAAGGCAATGCACTTCGGTG 907
Db 918 TACCCAGGGTCTCTCAAGTGTAAATGCAAGCGGATATTAAGGCAATGCACTTCGGTG 977
Qy 908 TCTGCTATCCCTGAAAAATTTGTGGAAGGAACTCTCAGAGGCGGCGGCGGCGGCGGCGG 967
Db 978 TCTGCTATCCCTGAAAAATTTGTGGAAGGAACTCTCAGAGGCGGCGGCGGCGGCGGCGG 1037
Qy 968 CAGAAATCAAGAGTCTGCTTGTCTCACAATAAAGAGGATGAAAAAGAGGCGGCGGCGGCGG 1027
Db 1038 CAGAAATCAAGAGTCTGCTTGTCTCACAATAAAGAGGATGAAAAAGAGGCGGCGGCGGCGG 1097
Qy 1028 TGTTCACCCAGAAACCCAGGAGCTCTTACCCCTAAGTGAATCTTTCAGGCGGCGGCGGCGG 1087
Db 1098 TGTTCACCCAGAAACCCAGGAGCTCTTACCCCTAAGTGAATCTTTCAGGCGGCGGCGGCGG 1157
Qy 1088 TGAAGAGATAGTTTTCAGAGGCGGCGGAGCTCTCATGAGGTAATAAAGGAGGATGAAGAG-A 1146
Db 1158 TGAAGAGATAGTTTTCAGAGGCGGCGGAGCTCTCATGAGGTAATAAAGGAGGATGAAGAGAA 1217

QY 1147 AATGAAAGGGGCTTGGAGTGAAGAAAGAGAGAAAGCCCTGAAGAATGATAGA 1206
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QY 1207 GGAGCAAGCCCTCGAGGAGATGCTTTTCCCTAAGTGAATGAAGCAGGTGAATCGG 1266
Db 1278 GGAGCAAGCCCTCGAGGAGATGCTTTTCCCTAAGTGAATGAAGCAGGTGAATCGG 1337
QY 1267 CTTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATAAGATTTAAATAT 1326
Db 1338 CTTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATAAGATTTAAATAT 1397
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Db 1398 CTGGTTGACTGACGCTTCAATCATCGGATCTGTGATCTGGAACAGGATAGAGAGATGA 1457
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Db 1458 TTTTGTACTGGAATCTCTGCTGATCGAGATATGCTATTGCTTCTATATGCGAGTTCCGGC 1517
QY 1447 CTTGGCAGGTCACAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCTGCAACC 1506
Db 1518 CTTGGCAGGTCACAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCTGCAACC 1577
QY 1507 CCAAGCAACTTCTGTTTCTCTTGTATACCGCTGGCGGAGACAAAGTCGGGAAACT 1566
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QY 1567 TCGAGTCTTTGTGAAACACAGTAAACATATGCTTGGCATGCGGAGAGACACAGAGTGAGGA 1626
Db 1638 TCGAGTCTTTGTGAAACACAGTAAACATATGCTTGGCATGCGGAGAGACACAGAGTGAGGA 1697
QY 1627 TGAAGTGTGAAGACAGGGAATTCAGTTGTATCAAGGAACGTGATGCTACCAAAAGCAT 1686
Db 1698 TGAAGTGTGAAGACAGGGAATTCAGTTGTATCAAGGAACGTGATGCTACCAAAAGCAT 1757
QY 1687 CATTTTGAAGCAGAACGCTGGCAAGGCAAAAACCGCGAAATTCGCAAGTGGATGGCTCTT 1746
Db 1758 CATTTTGAAGCAGAACGCTGGCAAGGCAAAAACCGCGAAATTCGCAAGTGGATGGCTCTT 1817
QY 1747 GCTTTGTTTACGGCTATGCTCCAGATAGCTTTTATCTGTGATGATGCTGAATGTTACTATC 1806
Db 1818 GCTTTGTTTACGGCTATGCTCCAGATAGCTTTTATCTGTGATGATGCTGAATGTTACTATC 1877
QY 1807 TTTATATTGACTTTGATGTGCTTCCCTGTTTGTGATATTCATATCATCTGATATCT 1866
Db 1878 TTTATATTGACTTTGATGTGCTTCCCTGTTTGTGATATTCATATCATCTGATATCT 1937
QY 1867 TGGCAATTTAGAAATGCT-AGTCGAAATTTGTAATGTAACCAACAGAA-TATTATTGTA 1924
Db 1938 TGGCAATTTTAAATATTAAGCTGAAATTTGTAATGTAACCAACAGAAATTTATTGTA 1997
QY 1925 AGATGCTTTCTGTATAGATATGCAATATTTGCTTTTAAATATCATATCATCTGATATCT 1984
Db 1998 AGATGCTTTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCATCTGATATCT 2057
QY 1985 TCTCAGTCAATTTGAAATCTTTCCNCAATTAATTAATAAATNTGGAANGTCA-GTTTAT 2043
Db 2058 TCTCAGTCAATTTGAAATCTTTCCNCAATTAATTAATAAATNTGGAANGTCAAGGTTTAT 2117
QY 2044 CTCCCTCTCTGATATATCTGATTTGTATANGTGTGATGCTTCTCTCTACCAACAT 2103
Db 2118 CTCCCTCTCTGATATATCTGATTTGTATAGTAAAGTTGATGAGCTTCTCTGCAACAT 2177
QY 2104 TTCTAGAAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTTTATGATATCT 2163
Db 2178 TTCTAGAAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTTTATGATAGT 2237
QY 2164 TCTTGGAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGGCTTTTCA 2223
Db 2238 TTTTGGAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGGCTTTTCA 2297
QY 2224 TAGCCAAACTTGTATATTT-AATTCTTTGTAATAATAA 2260

Db 2298 TAGCCAAACTTGTATATTTAAATCTTTTGTATATAATAA 2335
RESULT 110
US-10-399-123-5
; Sequence 5, Application US/10399123
; Publication No. US2004005908A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/10/399,123
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2008-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)..(1866)
; OTHER INFORMATION:
US-10-399-123-5

Query Match 96.2%; Score 2174.6; DB 13; Length 2365;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;

QY 8 GTGGTTCGCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGAGCGGCGGCTTAGC 67
Db 78 GTAACGTGCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGAGCGGCGGCTTAGC 137
QY 68 TGCTACGGGTCGCGGCGCGGCCCTCCGAGGGGGCTCAGGAGGAGAGGAGACCGG 127
Db 138 TGCTACGGGTCGCGGCGCGGCCCTCCGAGGGGGCTCAGGAGGAGAGGAGACCGG 197
QY 128 TGGAGATGCTTCTGCTTGGAGCGCTTCCGCTCCGCTGCTGCTCTCTCTGCTGCGAGG 187
Db 198 TGGAGATGCTTCTGCTTGGAGCGCTTCCGCTCCGCTGCTGCTCTCTCTGCTGCGAGG 257
QY 188 TGGTTTCGGGAAACGCGGCCAGTGCAGAGGCATCAAGGCTTGTAGCATCGGCACTGAGCC 247
Db 258 TGGTTTCGGGAAACGCGGCCAGTGCAGAGGCATCAAGGCTTGTAGCATCGGCACTGAGCC 317
QY 248 TGGGCTCTGCTATGGAATCTAACTGGCCTGCTGCTACGGCTGGAGAGAAACAGCAA 307
Db 318 TGGGCTCTGCTATGGAATCTAACTGGCCTGCTGCTACGGCTGGAGAGAAACAGCAA 377
QY 308 GGGAGTCTGTGAAGCTACATGCGAACTTGATGTAAGTTTGGTGAAGTGGCGGACCAA 367
Db 378 GGGAGTCTGTGAAGCTACATGCGAACTTGATGTAAGTTTGGTGAAGTGGCGGACCAA 437
QY 368 CAATGAGAGTCTTCCAGGATACACCGGGAACAACTGCACTCAAGATGTGAATGAGTG 427
Db 438 CAATGAGAGTCTTCCAGGATACACCGGGAACAACTGCACTCAAGATGTGAATGAGTG 497
QY 428 TGGAAATGAAACCCCGGCCATGCCAAACACAGATGTGTGAATACACAGGAAGCTTACAAGTG 487
Db 498 TGGAAATGAAACCCCGGCCATGCCAAACACAGATGTGTGAATACACAGGAAGCTTACAAGTG 557
QY 488 CTTTGTGCTCAGTGGCCCAATGCTCATGTCAGATGCTGCTGTGTGAATCTTAGGACATG 547
Db 558 CTTTGTGCTCAGTGGCCCAATGCTCATGTCAGATGCTGCTGTGTGAATCTTAGGACATG 617
QY 548 TGCCATGATAAATGTCTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCCACAGTGCCTGTG 607

Db 618 TGCCATGATAAATGTCAGTATAGCTGTGAAGACACAGAAAGGGCCACAGTGCCTGTG 677
Qy 608 TCCATCCTCAGGACTCCGCCCTGGCCCCAAATGGGAAGAGACTGTCTAGATATTGATCAATG 667
Db 678 TCCATCCTCAGGACTCCGCCCTGGCCCCAAATGGGAAGAGACTGTCTAGATATTGATCAATG 737
Qy 668 TGCCTCTGGTAAAGTCAATCTCTCCCTCAATTCGAAGATGTGTGAACACACATTTGGAAGCTA 727
Db 738 TGCCTCTGGTAAAGTCAATCTCTCCCTCAATTCGAAGATGTGTGAACACACATTTGGAAGCTA 797
Qy 728 CTACTGCAAAATGTCACATTTGTTTCGAACCTCAATATATCAGTGGACGATGATGACTGTAT 787
Db 758 CTACTGCAAAATGTCACATTTGTTTCGAACCTCAATATATCAGTGGACGATGATGACTGTAT 857
Qy 788 AGATATAAATGAATGACTAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847
Db 858 AGATATAAATGAATGACTAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 917
Qy 848 TACCCAAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAGAGGCAATGCAATTCGGTG 907
Db 918 TACCCAAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAGAGGCAATGCAATTCGGTG 977
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Db 978 TTCTGCTATCCTGAAATTTCTGTGAAGAAAGTCTCTCAGAGCACCCTGTACCAATCAAGA 1037
Qy 968 CAGATCAAGAGTGTCTGTCTCACAAGAACAGCATGAAAGAGAGGCAAAATTTAAAAA 1027
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Qy 1028 TGTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGAGCCCTTCAACTA 1087
Db 1098 TGTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGAGCCCTTCAACTA 1157
Qy 1088 TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGAGTTAAAAAGGGAATGAAGAG-A 1146
Db 1158 TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGAGTTAAAAAGGGAATGAAGAGAA 1217
Qy 1147 AATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTGAAAGATCAGATAGA 1206
Db 1218 AATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGCCCTGAAAGATCAGATAGA 1277
Qy 1207 GGAGGAAGCCTCGAGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266
Db 1278 GGAGGAAGCCTCGAGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1337
Qy 1267 CTTGATCTGGTCCAAAGCAAGCGCTAACTTCCAAACTGGAACATAGATTTAAATAT 1326
Db 1338 CTTGATCTGGTCCAAAGCAAGCGCTAACTTCCAAACTGGAACATAGATTTAAATAT 1397
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Db 1398 CTCGGTTGACTGCACTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAATGA 1457
Qy 1387 TTTTCACTGGAACTCTGCTGATCGAGATATGCTATTGGCTTCTATATGCACTTCGGC 1446
Db 1458 TTTTCACTGGAACTCTGCTGATCGAGATATGCTATTGGCTTCTATATGCACTTCGGC 1517
Qy 1447 CTTGCAAGGTCAAGAAAGACATTTGGCCGATTCGAACTTCTCTACCTGACCTGCAACC 1506
Db 1518 CTTGCAAGGTCAAGAAAGACATTTGGCCGATTCGAACTTCTCTACCTGACCTGCAACC 1577
Qy 1507 CCAAGCAACTCTGTTTCTCTTGTATACCGCTGCGGAGACAAAGTTCGGAACT 1566
Db 1578 CCAAGCAACTCTGTTTCTCTTGTATACCGCTGCGGAGACAAAGTTCGGAACT 1637
Qy 1567 TCGAGTGTGTTGAAAAACAGTAACATGCTTGGCATGGGAGAGACCAAGAGTGAAGA 1626
Db 1638 TCGAGTGTGTTGAAAAACAGTAACATGCTTGGCATGGGAGAGACCAAGAGTGAAGA 1697
Qy 1627 TGAAGGTGAGAGACAGGAAATTCAGTTATCAAGGACTGATGCTTACCAAGCAT 1686

Db 1698 TGAAGCTGGAAGACAGGGGAAATTCAGTTGTATCAAGGAACGTGATGTCACAAAAGCAT 1757
Qy 1687 CATTTTGAAGCAGAAACGTGGCAAGGCGCAAAACCGGCGCAAAATCGCAGTGGATGGGTCTT 1746
Db 1758 CATTTTGAAGCAGAAACGTGGCAAGGCGCAAAACCGGCGCAAAATCGCAGTGGATGGGTCTT 1817
Qy 1747 GCTTGTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTTACTATC 1806
Db 1818 GCTTGTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTTACTATC 1877
Qy 1807 TTTATATTCAGCTTTGTATGTCAGTTCCCTGGTTTTTTTGTATTTGATTTGATCATAGGACCTC 1866
Db 1878 TTTATATTCAGCTTTGTATGTCAGTTCCCTGGTTTTTTTGTATTTGATTTGATCATAGGACCTC 1937
Qy 1867 TGGCAATTTAGAAATTAAT-AGCTGAAAAATGPAATGTAACCAACAGAAA-TATTATTGTA 1924
Db 1938 TGGCAATTTAAAAATTAATAAGCTGAAAAATTTGAATGTACCAACAGAAAATTATTATTGTA 1997
Qy 1925 AGATGCCCTTTCTGTATTAAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGATCT 1984
Db 1998 AGATGCCCTTTTGTATTAAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGATCT 2057
Qy 1985 TCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATTTGGAANGTCA-GTTTAT 2043
Db 2058 TCTCAGTCAATTTCTGAATCTTTCCCAATTAATTAATAAATTTGGAANGTCAAGGTTTAT 2117
Qy 2044 CTCCTCCTCCTGCTATATCTGATTTCTATATGTTGATGTTGATGCTTCTCTCTACAACAT 2103
Db 2118 CTCCTCCTCCTGCTATATCTGATTTGTATTAAGTAAGTTGATGAGCTTCTCTCTGCAACAT 2177
Qy 2104 TTTAGAAAAATAGAAAAAAGCAGACAGAAATGTTTAACTGTTTGAATCTTTATGATCT 2163
Db 2178 TTTAGAAAAATAGAAAAAAGCAGACAGAAATGTTTAACTGTTTGAATCTTTATGATCT 2237
Qy 2164 TCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCA 2223
Db 2238 TTTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCA 2297
Qy 2224 TAGCCAACTTGATATTTT-AACTTTTGTAAATAATAA 2260
Db 2298 TAGCCAACTTGATATTTTAAATTTCTTTGTAAATAATAA 2335

RESULT 111

US-10-124-986-5
; Sequence 5, Application US/10124986
; Publication No. US20030036508A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)...(1866)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (357)

QY 2104 TTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGATCT 2163
DB |||||
DB 2178 TTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGATCT 2237
QY 2164 TCTTGGAACTATGACATCAAGTAGACATTTGCTTAACTGAGTGGTCTTTCA 2223
DB |||||
DB 2238 TTTTGGAACTATGACATCAAGTAGACATTTGCTTAACTGAGTGGTCTTTCA 2297
QY 2224 TAGCCAACTTGTATATTT-AACTTTTGTAAATAA 2260
DB |||||
DB 2298 TAGCCAACTTGTATATTTAAATTTCTTTGTAAATAA 2335

RESULT 112
US-10-136-227A-5
; Sequence 5, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; PRIORITY FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIORITY FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIORITY FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIORITY FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIORITY FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)...(1866)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (357)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-136-227A-5

Query Match 96.2%; Score 2174.6; DB 15; Length 2365;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;
QY 8 GTGGGTGCGAGTGAAGCGGAGGCCCGAGCGGCTGAGGAGAGGAGCGGCGGCTTAGC 67
DB |||||
DB 78 GTAAGTGGAGTGAAGCGGAGGCCCGAGCGGCTGAGGAGAGGAGCGGCGGCTTAGC 137
QY 68 TGCTACGGGGTCCCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCCG 127
DB |||||
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QY 128 TCGGAGAAATGCTCTGCGCTTGGAGCCTTGGCGCTCCCGCTGCTGCTCTCTCTGGGTGGCAGG 187
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QY 308 GGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAGTTGGTGGAGTGGGTGGGACCAA 367
DB |||||

DB 378 GGGAGTCTGTGAAGCTACATCGGAACCTCGATGTAAATTTTGGTGGTGGTGGACCAA 437
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DB |||||
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DB |||||
DB 558 CTTTTGGCTCAGTGGGCGCACATGCTCATGCGAGATGCTGTGTGAACTCTAGGACATG 617
QY |||||
DB 548 TGGCATGATAAACTGTCACTACAGCTGTGAAGACACAGAAAGAGGGCCACAGTGGCTGTG 607
DB |||||
DB 618 TGGCATGATAAACTGTCACTACAGCTGTGAAGACACAGAAAGAGGGCCACAGTGGCTGTG 677
QY |||||
DB 608 TCCATCTCTCAGGACTCGGCTGGCCCGCCAAATGGAAGAGACTGTCTAGATATTGATGAATG 667
DB |||||
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QY |||||
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DB 738 TGCCTCTCTGTTAAAGTCACTGTCCCTTACAAATCGAAGATGTGGAACACATTTGGAAGCTA 797
QY |||||
DB 728 CTACTGCAAAATGTCACTTGGTTTGGAAATGCAATATATCACTGGAAGCATGATGATGAT 787
DB |||||
DB 798 CTACTGCAAAATGTCACTTGGTTTGGAAATGCAATATATCACTGGAAGCATGATGATGAT 857
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DB 788 AGATATAAATGAAATGTACTATGATAGCATACCTGCGCACCATGCAATTTGCTTCAA 847
DB |||||
DB 858 AGATATAAATGAAATGTACTATGATAGCATACCTGCGCACCATGCAATTTGCTTCAA 917
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DB 848 TACCCAAAGGCTCTTCAAGTGTAAATGCAAGCGGAGATATAAAGGCAATGGACTTCGGTG 907
DB |||||
DB 918 TACCCAAAGGCTCTTCAAGTGTAAATGCAAGCGGAGATATAAAGGCAATGGACTTCGGTG 977
QY |||||
DB 908 TTCTGTCTATCCCTGAAAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGGTACCATCAAGA 967
DB |||||
DB 978 TTCTGTCTATCCCTGAAAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGGTACCATCAAGA 1037
QY |||||
DB 968 CAGAAATCAAGAAATGCTTGTCTCACAAAAACAGCATGAAAAAGAGAGGCAAAATTAATA 1027
DB |||||
DB 1038 CAGAAATCAAGAAATGCTTGTCTCACAAAAACAGCATGAAAAAGAGAGGCAAAATTAATA 1097
QY |||||
DB 1028 TGTACCCAGAGAACCCACAGAGACTCTTACCCCTAAGGTGAACTTGCAGCCCTTCAACTA 1087
DB |||||
DB 1098 TGTACCCAGAGAACCCACAGAGACTCTTACCCCTAAGGTGAACTTGCAGCCCTTCAACTA 1157
QY |||||
DB 1088 TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAGGGAATGAAGAG-A 1146
DB |||||
DB 1158 TGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAGGGAATGAAGAGAA 1217
QY |||||
DB 1147 AATGAAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAGCCCTGAAAGATGACATAGA 1206
DB |||||
DB 1218 AATGAAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAGCCCTGAAAGATGACATAGA 1277
QY |||||
DB 1207 GAGAGCAAGCCTCGAGAGGAGATGTGTTTTTCCCTAAGGTGAAATGAAGCAGGTGAATTCGG 1266
DB |||||
DB 1278 GAGAGCAAGCCTCGAGAGGAGATGTGTTTTTCCCTAAGGTGAAATGAAGCAGGTGAATTCGG 1337
QY |||||
DB 1267 CCTGATTCGGTCCAAAGGAAGAGCGCTAACTTCCAACTGGAACATGAAGATTAAATAT 1326
DB |||||
DB 1338 CCTGATTCGGTCCAAAGGAAGAGCGCTAACTTCCAACTGGAACATGAAGATTAAATAT 1397
QY |||||
DB 1327 CTGGTTGAGCTGAGGCTTCAATCATGGGATCTGTCACTGGAACAGGATAGAGAGATGA 1386
DB |||||
DB 1398 CTGGTTGAGCTGAGGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGAGATGA 1457
QY |||||
DB 1387 TTTTGAAGTGAATTCCTGCTGATGAGAGATAATGCTATGGCTTCTATATGGCAGTTCCGGC 1446
DB |||||
DB 1458 TTTTGAAGTGAATTCCTGCTGATGAGAGATAATGCTATGGCTTCTATATGGCAGTTCCGGC 1517

QY	1447	CTTGGCAGGTCACAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCTGGAACC	1506
DB	1518	CTTGGCAGGTCACAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCTGGAACC	1577
QY	1507	CCAAAGCAACTTCTGTTTGCTCTTTGATTACCGGCTGGCCGAGACAAAGTCGGAAACT	1566
DB	1578	CCAAAGCAACTTCTGTTTGCTCTTTGATTACCGGCTGGCCGAGACAAAGTCGGAAACT	1637
QY	1567	TCGAGTGTTGTGAAAAACAGTAACAATGCCCTGGCATGGGAAAGACACAGATGAGGA	1626
DB	1638	TCGAGTGTTGTGAAAAACAGTAACAATGCCCTGGCATGGGAAAGACACAGATGAGGA	1697
QY	1627	TGAAAATGGGAAGACAGGGAATAATTCAGTTGTATCAAGGAATCGATGCTACCAAAAGCAT	1686
DB	1698	TGAAAATGGGAAGACAGGGAATAATTCAGTTGTATCAAGGAATCGATGCTACCAAAAGCAT	1757
QY	1687	CATTTTGAAGAGAAACGTGGCAAGGCAAAAACCGCGAAATTCGCAGTGGATGGCGTCTT	1746
DB	1758	CATTTTGAAGAGAAACGTGGCAAGGCAAAAACCGCGAAATTCGCAGTGGATGGCGTCTT	1817
QY	1747	GCCTCTTTTCAGGCTTATGTGTCAGATAGCCTTTATCTGTGGAATGACTCAAGTGTACTATC	1806
DB	1818	GCCTCTTTTCAGGCTTATGTGTCAGATAGCCTTTATCTGTGGAATGACTCAAGTGTACTATC	1877
QY	1807	TTTATATTGACTTTGTATATGTCAGTTCCTCGTTTTTTTGTATTTGCATCATAGGACCTC	1866
DB	1878	TTTATATTGACTTTGTATATGTCAGTTCCTCGTTTTTTTGTATTTGCATCATAGGACCTC	1937
QY	1867	TGGCATTTTAGAAATTAATCT-AGCTGAAAAATTTGAATGACCAACAGAAA-TATTATTGTA	1924
DB	1938	TGGCATTTTAAAAATTAATAGCTGAAAAATTTGAATGACCAACAGAAATTAATTATTGTA	1997
QY	1925	AGATGCCTTTCTTGTATAAGATATGCCAAATATTTGCTTTTAAATATCATATCACTGTATCT	1984
DB	1998	AGATGCCTTTTWTGTATAAGATATGCCAAATATTTGCTTTTAAATATCATATCACTGTATCT	2057
QY	1985	TCTCAGTCAATTCAGAAATCTTCNCATATATATTAATAAAATWTGAAAAANGTCA-GTTTAT	2043
DB	2058	TCTCAGTCAATTCAGAAATCTTCTCCATATATATTAATAAAATWTGAAAAATGTCAAGTTTAT	2117
QY	2044	CTCCCTCCTCNGTATATCTGATTTGTATANGTGTGATGCTGCTCTCTCTACACAT	2103
DB	2118	CTCCCTCCTCAGTATATCTGATTTGTATAAGTAAAGTGTGATGAGTTTCTCTCGAAT	2177
QY	2104	TTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTTATGATCT	2163
DB	2178	TTCTAGAAAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTTATGATAGT	2237
QY	2164	TCCTTGGAAATCATGACATCAAGATAGACTTTTGGCCTAAGTGGCTTACCTGGTCTTTCA	2223
DB	2238	TTTTGGAAAACTATGACATCAAGATAGACTTTTGGCCTAAGTGGCTTACCTGGTCTTTCA	2297
QY	2224	TAGCAAACTTGTATATTT-AACTTTTGTAAATAA 2250	
DB	2298	TAGCAAACTTGTATATTTAAATCTTTGTAAATAA 2335	

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RESULT 113
US-10-112-881-5
; Sequence 5, Application US/10112881
; Publication No. US20030165909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 2810/38363
; CURRENT APPLICATION NUMBER: US/10/112.881
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312

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;	PRIOR FILING DATE: 2000-07-19	
;	PRIOR APPLICATION NUMBER: US 09/363,316	
;	PRIOR FILING DATE: 1999-07-28	
;	PRIOR APPLICATION NUMBER: US 09/249,697	
;	PRIOR FILING DATE: 1999-02-12	
;	PRIOR APPLICATION NUMBER: US 08/968,800	
;	PRIOR FILING DATE: 1997-11-22	
;	NUMBER OF SEQ ID NOS: 32	
;	SOFTWARE: FastSeq for Windows Version 3.0	
;	SEQ ID NO 5	
;	LENGTH: 2365	
;	TYPE: DNA	
;	ORGANISM: Homo sapiens	
;	FEATURE:	
;	NAME/KEY: CDS	
;	LOCATION: (205)...(1866)	
;	FEATURE:	
;	NAME/KEY: misc_feature	
;	LOCATION: (357)	
;	OTHER INFORMATION: Xaa = Any Amino Acid	
;	US-10-112-881-5	
	Query Match 96.2%; Score 2174.6; DB 15; Length 2365;	
	Best Local Similarity 98.9%; Pred. No. 0;	
	Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;	
Qy	8 GTGGGTGGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGGCGCTTAGC	67
Db	78 GTPACTGGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGGCGCTTAGC	137
Qy	68 TGCTACGGGGTCCGGCGCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGAGACCCG	127
Db	138 TGCTACGGGGTCCGGCGCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGAAGAGACCCG	197
Qy	128 TCGAGAAATGCTCTGGGCTGGAGCCTTGGGCTCCGCGCTGCTGCTCTCTCTGGTGGCAGG	187
Db	198 TCGGAGAATGCTCTGGGCTGGAGCCTTGGGCTCCGCGCTGCTGCTGCTGCTGGTGGCAGG	257
Qy	188 TGGTTTCGGGAACCGCGCCAGTGCAGAGGCATCACGGGTTGTTAGCATCGGCACGTCAGCC	247
Db	258 TGGTTTCGGGAACCGCGCCAGTGCAGAGGCATCACGGGTTGTTAGCATCGGCACGTCAGCC	317
Qy	248 TGGGGTCTGTCACATATGGAACTAACTGGGCTGCTGCTACGGCTGGAGAGAAACAGCAA	307
Db	318 TGGGGTCTGTCACATATGGAACTAACTGGGCTGCTGCTACGGCTGGAGAGAAACAGCAA	377
Qy	308 GGGAGTCTGTGAAGCTACATCGGAACTCGATGTGAATTTGGTGAAGTCCGTGGGACCAA	367
Db	378 GGGAGTCTGTGAAGCTACATCGGAACTCGATGTGAATTTGGTGAAGTCCGTGGGACCAA	437
Qy	368 CAAATGCAAGTCTTCCAGGATACACCGGAAACCTCGAGTCAAGATGTGAATGATG	427
Db	438 CAAATGCAAGTCTTCCAGGATACACCGGAAACCTCGAGTCAAGATGTGAATGATG	497
Qy	428 TGGAAATGAACCCCGGCATGCCAACACACAGATGTGTGAATACACCGGAAGCTCAAGT	487
Db	498 TGGAAATGAACCCCGGCATGCCAACACACAGATGTGTGAATACACCGGAAGCTCAAGT	557
Qy	488 CTTTTCCTCAGTGGCCACATGCTCATGCCAGTCTCAGTGTGTGAATCTCAGGATG	547
Db	558 CTTTTCCTCAGTGGCCACATGCTCATGCCAGTCTCAGTGTGTGAATCTCAGGATG	617
Qy	548 TGCCATGATAAATGTCAGTACAGCTGTGAAGACACACAGAAAGGCCACAGTGCCTGTG	607
Db	618 TGCCATGATAAATGTCAGTATAGCTGTGAAGACACACAGAAAGGCCACAGTGCCTGTG	677
Qy	608 TCCATCTCCAGGCTCCGCTGGCCCAATGGAGAGACTGTCTAGATATTGATGATG	667
Db	678 TCCATCTCCAGGCTCCGCTGGCCCAATGGAGAGACTGTCTAGATATTGATGATG	737
Qy	668 TGCCCTCTGGTAAAGTCATCTGCTCCCTACAAATCGAAGATGTGTGAACATCATTTGGAAGCTA	727
Db	738 TGCCCTCTGGTAAAGTCATCTGCTCCCTACAAATCGAAGATGTGTGAACATCATTTGGAAGCTA	797

145 CTCCCGAGGGGGCTCAGGAGAGGAGGAGGCCGCTGCGAGAAATGCTCTGCCCCCTGG 204
150 AGCCTTGGCTCCCGCTGCTCTCTCGGTGGCAGGTGGTTTCGGGAACGCGGCCAGT 209
205 AGCCTTGGCTCCCGCTGCTCTCTCGGTGGCAGGTGGTTTCGGGAACGCGGCCAGT 264
210 GCAAGG--CATCACGGCTTGTAGCATCGGCAGCGTCAAGCCTGGGCTGTCACTATGGA 266
265 GCAAGGCATCATCACGGCTTGTAGCATCGGCAGCGTCAAGCCTGGGCTGTCACTATGGA 324
267 ACTAAATGSCCTGCTGCTACGGCTGGAGAGAAACAGCAAGGGAGTCTGTGAAGCTACA 326
325 ACTAAATGSCCTGCTGCTACGGCTGGAGAGAAACAGCAAGGGAGTCTGTGAAGCTACA 384
327 TGGCAACCTGGATGAAGTTGGTGGTGGTGGGACCAAAACAATGACAGTCTTCCA 386
385 TGGCAACCTGGATGAAGTTGGTGGTGGTGGGACCAAAACAATGACAGTCTTCCA 444
387 GGATACACCGGGAAACCTGCAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 446
445 GGATACACCGGGAAACCTGCAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 504
447 TGGCAACAGATGTGGAATACACAGGAAGCTCAAGTCTGCTGCTGCTGCTGCTGCTGCTG 506
505 TGGCAACAGATGTGGAATACACAGGAAGCTCAAGTCTGCTGCTGCTGCTGCTGCTGCTG 564
507 ATGCTCATGCGCAGATGCTAGCTGTGTGAATCTTAGGACATGTGCCATGATGAATGTCAG 566
565 ATGCTCATGCGCAGATGCTAGCTGTGTGAATCTTAGGACATGTGCCATGATGAATGTCAG 624
567 TACAGCTGTGAAGACACAGAAAGGGGCCACAGTGCCTGTGCTCAATCTCTCAGGATCCGC 626
625 TACAGCTGTGAAGACACAGAAAGGGGCCACAGTGCCTGTGCTCAATCTCTCAGGATCCGC 684
627 CTGGCCCCAATGGAAGAGACTCTAGATATTTGATGTAATGTGCTCTGCTGCTGCTGCTG 686
685 CTGGCCCCAATGGAAGAGACTCTAGATATTTGATGTAATGTGCTCTGCTGCTGCTGCTG 744
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745 TGTCCCTPACAAATCGAAGATGTGGAACACATTTGGAGCTACTACTGCAAAATGTCAAT 804
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805 GTTTTCGAATCGAATATATCAGTGGACGATATGACTGTATGATATATATATATATATAT 864
807 ATGGATAGCCATAGTGCAGCCACCATGCTCAATTTGCTTCAATACCCCAAGGGTCTTCAAG 866
865 ATGGATAGCCATAGTGCAGCCACCATGCTCAATTTGCTTCAATACCCCAAGGGTCTTCAAG 924
867 TGTAAATGCAAGCAGGATATTAAGCCATGGACTTCGGTGTCTGCTATCCTGAAAT 926
925 TGTAAATGCAAGCAGGATATTAAGCCATGGACTTCGGTGTCTGCTATCCTGAAAT 984
927 TCTGTGAAGGAAGTCTCTCAGACACCTGGTACCATCAAAAGACAGATCAAGAAAGTTGCTT 986
985 TCTGTGAAGGAAGTCTCTCAGACACCTGGTACCATCAAAAGACAGATCAAGAAAGTTGCTT 1044
987 GCTCAAAAAACAGCATGAAAAAGAGGCAAAATTAATAATTTATACCCAGAACCCACC 1046
1045 GCTCAAAAAACAGCATGAAAAAGAGGCAAAATTAATAATTTATACCCAGAACCCACC 1104
1047 AGGACTCCTACCCCTAAGGTGAATTTGACGCCCTTCACTATGAGAGATAGTTTCCAGA 1106
1105 AGGACTCCTACCCCTAAGGTGAATTTGACGCCCTTCACTATGAGAGATAGTTTCCAGA 1164
1107 GCGGGAACTCTCATGAGGTAAAAAGGGAATGAAGAG-AAATGAAGAGGGGCTTGAG 1165
1165 GCGGGAACTCTCATGAGGTAAAAAGGGAATGAAGAGAAATGAAGAGGGGCTTGAG 1224
1166 GATCAGAAAAAGAGAGAGAGCCCTGGAACAATGACATAGAGAGCGAGCGCTGCGAGGA 1225
1225 GATGAGAAAAAGAGAGAGAGCCCTGGAACAATGACATAGAGAGCGAGCGCTGCGAGGA 1284

1226 GATGTGTTTTTCCCTAAGGTGAATGAACAGAGTGAATTCGGCCTGATTTCTGGTCCAAAGG 1285
1285 GATGTGTTTTTCCCTAAGGTGAATGAACAGAGTGAATTCGGCCTGATTTCTGGTCCAAAGG 1344
1286 AAGCGCTAACTTCCAAACTGGAACATAAAGATTTAAATATCTCGGTTGACTGCAGCTTC 1345
1345 AAGCGCTAACTTCCAAACTGGAACATAAAGATTTAAATATCTCGGTTGACTGCAGCTTC 1404
1346 AATCATGGGATCTGTGACTGGAAAACAGGATAGAGAAGATGATTTGACTGGAATCCTGCT 1405
1405 AATCATGGGATCTGTGACTGGAAAACAGGATAGAGAAGATGATTTGACTGGAATCCTGCT 1464
1406 GATCAGAGATAATGCTATTGGCTTCTATATGCAAGTCCGGCTTGGCAGGTCAACAAGAAA 1465
1465 GATCAGAGATAATGCTATTGGCTTCTATATGCAAGTCCGGCTTGGCAGGTCAACAAGAAA 1524
1466 GACATTGGCCGATGAAACTTCTCTACTGACTGAAACCCCAAGCAACTTCTGTTTG 1525
1525 GACATTGGCCGATGAAACTTCTCTACTGACTGAAACCCCAAGCAACTTCTGTTTG 1584
1526 CTCTTTGATTACGGCTGGCCGAGACAAAGTCCGGAACCTTCGAGTGTGTTGTGAAGAAC 1585
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1586 AGTAAACAATGCCCTGGCATGGGAGAGACCCAGAGTGAAGATGAAGTGAAGACAGGG 1645
1645 AGTAAACAATGCCCTGGCATGGGAGAGACCCAGAGTGAAGATGAAGTGAAGACAGGG 1704
1646 AATATTCACTTGTATCAAGGAACTGATGCTAGCAAAAAGCATTTTTTGAAGCAGAACGT 1705
1705 AATATTCACTTGTATCAAGGAACTGATGCTAGCAAAAAGCATTTTTTGAAGCAGAACGT 1764
1706 GGCAGGGCAAAACCGGCGAAATCGCAGTGGATGGCTCTGCTGTTTCAAGGCTTATGT 1765
1765 GGCAGGGCAAAACCGGCGAAATCGCAGTGGATGGCTCTGCTGTTTCAAGGCTTATGT 1824
1766 CCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTTATATTGACTTTGTAT 1825
1825 CCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTTATATTGACTTTGTAT 1884
1826 GTCAGTCTCCCTGGTTTTTGTATTTGATATTTGCAATCATAGACCTCTGGCATTTTGAATTA 1885
1885 GTCAGTCTCCCTGGTTTTTGTATTTGATATTTGCAATCATAGACCTCTGGCATTTTGAATTA 1944
1886 GCTGAAAAATTTGATATACCAACAGAAATATTTTGAAGATGCTTTCTGTATAAGA 1945
1945 GCTGAAAAATTTGATATACCAACAGAAATATTTTGAAGATGCTTTCTGTATAAGA 2004
1946 TATGCCAATATTTGCTTTAAATATCATATCATCTGATCTTCTCAGTCAATTTCTGAATCTT 2005
2005 TATGCCAATATTTGCTTTAAATATCATATCATCTGATCTTCTCAGTCAATTTCTGAATCTT 2064
2006 TCCNCAATTTATTTAAAAATNTGAAAAAGTCAAGTTTATCTCCCTCTCCTGCTATATCTGA 2065
2065 TCCNCAATTTATTTAAAAATNTGAAAAAGTCAAGTTTATCTCCCTCTCCTGCTATATCTGA 2124
2066 TTTGTATANGTANGTANGTANGTCTCTCTACACATTTCTGAGAAATAGAAAAAAG 2125
2125 TTTGTATANGTANGTANGTANGTCTCTCTACACATTTCTGAGAAATAGAAAAAAG 2184
2126 CACAGAGAAATGTTAACTGTTTGAATCTCTTATGATPACTTTTGGAAACTATGACATCAA 2185
2185 CACAGAGAAATGTTAACTGTTTGAATCTCTTATGATPACTTTTGGAAACTATGACATCAA 2244
2186 GATAGACTTTTGGCTTAAGTGGCTTAGCTGGCTCTTTCATAGCCAACTGTGATATTT-AA 2244
2245 GATAGACTTTTGGCTTAAGTGGCTTAGCTGGCTCTTTCATAGCCAACTGTGATATTTAA 2304
2245 TTCTTTTGAATAATAA 2260
2305 TTCTTTTGAATAATAA 2320

Db	1705	AAATTCAGTTGTTATCAAGGAACTGATGCTACAAAAAGCATCATTTTTGTAAGACGAACGT	1764
QY	1706	GGCAAGGCGAAAAACGGCGAAATCGCAGTGGATGGCGTCTTCGCTTGTTGTTTCAGGCTTAATGT	1765
Db	1765	GGCAAGGCGAAAAACGGCGAAATCGCAGTGGATGGCGTCTTCGCTTGTTGTTTCAGGCTTAATGT	1824
QY	1766	CCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTTTATATTTCGACTTCGTAT	1825
Db	1825	CCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTTTATATTTCGACTTCGTAT	1884
QY	1826	GTFCAGTCCCTCGGTTTTTTTGATATTGCAATCATPAGGACCTCTGGCATTTTGAAGATTACTA	1885
Db	1895	GTFCAGTCCCTCGGTTTTTTTGATATTGCAATCATPAGGACCTCTGGCATTTTGAAGATTACTA	1944
QY	1896	GCTGAAAAATTTGTAATGTAACCAACAGAAAAATTATTGTAAGATGCTTCTTTGTATAAGA	1945
Db	1945	GCTGAAAAATTTGTAATGTAACCAACAGAAAAATTATTGTAAGATGCTTCTTTGTATAAGA	2004
QY	1946	TATGCCAATATTTGCTTTAAATATATCATATCACTGHTATCTTCTCAGTCATTTCTGAACTTT	2005
Db	2005	TATGCCAATATTTGCTTTAAATATATCATATCACTGHTATCTTCTCAGTCATTTCTGAACTTT	2064
QY	2006	TCGCNATTTATTTATAAAATNTGGAAANGTCAGTTTTATCTCCCTCCCTCNGTATATCTGA	2065
Db	2065	TCGCNATTTATTTATAAAATNTGGAAANGTCAGTTTTATCTCCCTCCCTCNGTATATCTGA	2124
QY	2066	TTTGTATANGTTGATGNGCTTCTCTACAACATTTCTAGAAAAATAGAAAAAAAAG	2125
Db	2125	TTTGTATANGTTGATGNGCTTCTCTACAACATTTCTAGAAAAATAGAAAAAAAAG	2184
QY	2126	CACAGAGAAATGTTTTACTGTTTGACCTCTTATGATATCTCTGGGAAACTATGACATCAAA	2185
Db	2185	CACAGAGAAATGTTTTACTGTTTGACCTCTTATGATATCTCTGGGAAACTATGACATCAAA	2244
QY	2186	GATAGACTTTTGGCCTTAAGTGGCTTAGCTGGGTCTTTTCATAGCCAAACTTGTATATTT-AA	2244
Db	2245	GATAGACTTTTGGCCTTAAGTGGCTTAGCTGGGTCTTTTCATAGCCAAACTTGTATATTTAAA	2304
QY	2245	TTCTTTGTAATAATAA 2260	
Db	2305	TTCTTTGTAATAATAA 2320	

RESULT 116

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US-10-124-986-29
RESU01_116
; Sequence 29, Application US/10124986
; Publication No. US20030036508A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EG
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 2345
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (190)..(1854)
; NAME/KEY: misc feature
; LOCATION: (1)..(2345)

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Db 1045 GCTCAAAAACAGTATGAAAGGAAAGCAAAATTAATAATGTTACCCAGAACCCACC 1104
QY 1047 AGGACTCTTACCCTTAAGGTGAACCTTGAGGCCCTTCAACTATGAAGAGATAGTTTCAGA 1106
Db 1105 AGGACTCTTACCCTTAAGGTGAACCTTGAGGCCCTTCAACTATGAAGAGATAGTTTCAGA 1164
QY 1107 GCGGGGAACTCTCATGGAGGTAAAGAGGGAATGAGAG-AAAATGAAGAGGGCTTGAG 1165
Db 1165 GCGGGGAACTCTCATGGAGGTAAAGAGGGAATGAGAGGGAATGAAAGAGGGGCTTGAG 1224
QY 1166 GATGAGAAAAGAGAGAGAACCCCTCAAGAAATGACATAGAGGAGCGAAGCCTCGAGGA 1225
Db 1225 GATGAGAAAAGAGAGAGAACCCCTCAAGAAATGACATAGAGGAGCGAAGCCTCGAGGA 1284
QY 1226 GATGTGTTTTCCCTTAAGGTGAATGAACAGCGTGAATTCGGCCCTGATTCGTGGTCAAGG 1285
Db 1285 GATGTGTTTTCCCTTAAGGTGAATGAACAGCGTGAATTCGGCCCTGATTCGTGGTCAAGG 1344
QY 1286 AAAGCGCTAACTTCCAACTGGAACATAAAGATTTAAATATCTCGGTGACTGCAGCTTC 1345
Db 1345 AAAGCGCTAACTTCCAACTGGAACATAAAGATTTAAATATCTCGGTGACTGCAGCTTC 1404
QY 1346 AATCATGGATCTGTGACTGGAACAGAGATAGAGAGATGATTTTGACTGGAATCTCTGCT 1405
Db 1405 AATCATGGATCTGTGACTGGAACAGAGATAGAGAGATGATTTTGACTGGAATCTCTGCT 1464
QY 1406 GATCAGAGATAATGCTATTGGCTTCTATATGCGCTTCGGCTTGGCAGCTCAAGAA 1465
Db 1465 GATCAGAGATAATGCTATTGGCTTCTATATGCGCTTCGGCTTGGCAGCTCAAGAA 1524
QY 1466 GACATGCGCGATTGAATCTCTCACTGACTGCAACCCCAAGCAACTTCTGTTG 1525
Db 1525 GACATGCGCGATTGAATCTCTCACTGACTGCAACCCCAAGCAACTTCTGTTG 1584
QY 1526 CTCCTTGATTACCGCTGCGGAGACAACTCGGGAACCTTCGAGTGTGTTGAAAC 1585
Db 1585 CTCCTTGATTACCGCTGCGGAGACAACTCGGGAACCTTCGAGTGTGTTGAAAC 1644
QY 1586 AGTAACAATGCGCTGGCATGGAGAGACACGAGTGAAGATGAAAAGTGAAGACAGGG 1645
Db 1645 AGTAACAATGCGCTGGCATGGAGAGACACGAGTGAAGATGAAAAGTGAAGACAGGG 1704
QY 1646 AAAATTCAGTTGTATCAAGGAACCTGATCTACCAAGACATCATTTTGAAGCAGACGT 1705
Db 1705 AAAATTCAGTTGTATCAAGGAACCTGATCTACCAAGACATCATTTTGAAGCAGACGT 1764
QY 1706 GCAAGGGCAAAACCGCGGAAATCGCAGTGAATGCGCTCTTGCTTGTTCAGGCTTATGT 1765
Db 1765 GCAAGGGCAAAACCGCGGAAATCGCAGTGAATGCGCTCTTGCTTGTTCAGGCTTATGT 1824
QY 1766 CCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTTATTTGACTTTGTAT 1825
Db 1825 CCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTTATTTGACTTTGTAT 1884
QY 1826 GTCAGTTCCTCGTTTGTGATTTGATATTCATCATAGGACCTCTGGCATTTTGAATTA 1885
Db 1885 GTCAGTTCCTCGTTTGTGATTTGATATTCATCATAGGACCTCTGGCATTTTGAATTA 1944
QY 1886 GCTGAATAATTTATGTACCAAGAAATATTTGTAAGTCCCTTCTGTAAGA 1945
Db 1945 GCTGAATAATTTATGTACCAAGAAATATTTGTAAGTCCCTTCTGTAAGA 2004
QY 1946 TATGCAATATTTGCTTTAAATATCATATCACTGTATCTTCTCAGTCATTTCTGAATCTT 2005
Db 2005 TATGCAATATTTGCTTTAAATATCATATCACTGTATCTTCTCAGTCATTTCTGAATCTT 2064
QY 2066 TCNCATTTATATATAAAATTTGGAANGTCAGTTTATCTCCCTCTCTGNTATATCTGA 2065
Db 2065 TCNCATTTATATATAAAATTTGGAANGTCAGTTTATCTCCCTCTCTGNTATATCTGA 2124
QY 2066 TTTGTATANGTANGTGTGCTTCTCTPACCAATTTCTAGAAATAGAAAAAAG 2125
Db 2125 TTTGTATANGTANGTGTGCTTCTCTPACCAATTTCTAGAAATAGAAAAAAG 2184

QY 2126 CACAGAGAAATGTTTAACTGTTTGAATCTTATGATCTTCTTGGAACTATGACATCAA 2185
Db 2185 CACAGAGAAATGTTTAACTGTTTGAATCTTATGATCTTCTTGGAACTATGACATCAA 2244
QY 2186 GATGACTTTTGCCCTAAGTGGCTTAGCTGGTCTTTTCATAGCCAAACTTGTATATTT-AA 2244
Db 2245 GATGACTTTTGCCCTAAGTGGCTTAGCTGGTCTTTTCATAGCCAAACTTGTATATTTAAA 2304
QY 2245 TTCTTTGTAATAATAA 2260
Db 2305 TTCTTTGTAATAATAA 2320

RESULT 117

US-10-136-227A-29
; Sequence 29, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 2345
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (190)..(1854)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(26)
; OTHER INFORMATION: n = a,t,c or g
US-10-136-227A-29

Query Match 96.08; Score 2170.6; DB 15; Length 2345;
Best Local Similarity 99.28; Pred.No. 0;

Matches 2219; Conservative 0; Mismatches 11; Indels 6; Gaps 4;

QY 31 CCCGAGCGGCTGAGGAGAGAGAGAGGCGGGCTTAGCTGCTACGGGGTCC-GGCCGGCGC 89
Db 85 CCCGGGAGAGGTGAGGAGAGAGAGAGGCGGGCTTAGCTGCTACGGGGTCCGGGCGCGCGC 144
QY 90 CCTCCCGAGGGGGCTCAGGAGGAGAGAGAGAGCCGCTGCGAGATGCTCTGCCCTGG 149
Db 145 CCTCCCGAGGGGGCTCAGGAGGAGAGAGAGAGCCGCTGCGAGATGCTCTGCCCTGG 204
QY 150 AGCCTTGGCTCCCGCTGCTGCTCTCTCTGGGTGGCAGGTGGTTTCGGGAACGCGGCAGT 209
Db 205 AGCCTTGGCTCCCGCTGCTGCTCTCTCTGGGTGGCAGGTGGTTTCGGGAACGCGGCAGT 264
QY 210 GCAGG---CATCACGGTTGTTAGCATCGGCACGTCAGCCTGGGGTCTGTCACTATGA 266
Db 265 GCAGGCAATCATCACGGTTGTTAGCATCGGCACGTCAGCCTGGGGTCTGTCACTATGA 324
QY 267 ACTAACTGGCCTGCTGCTACGGCTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 326
Db 325 ACTAACTGGCCTGCTGCTACGGCTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 384
QY 327 TGCAGACTGGATGTAAGTTTGGTGGTGGGACCAAAACAAATGCGAGATGCTTCCA 386

Db	625	ATGATAAACTGT	1705	AGTGGAAAGCAGGGGAAATTT	Db	1764
Qy	612	TCTCAGGACTCGGCTG	1691	TTTGAAGCAGAACTG	Qy	1750
Db	685	TCTCAGGACTCGGCTG	1765	TTTGAAGCAGAACTG	Db	1824
Qy	672	TCTGTAAGTCACTG	1751	GTTCAGGCTTATG	Qy	1810
Db	745	TCTGTAAGTCACTG	1825	GTTCAGGCTTATG	Db	1884
Qy	732	TGCAATGTCACTG	1811	TATTTGACTTTG	Qy	1870
Db	805	TGCAATGTCACTG	1885	TATTTGACTTTG	Db	1944
Qy	792	ATAAATGAATGT	1871	ATTTTAGAATTA	Qy	1930
Db	865	ATAAATGAATGT	1945	ATTTTAGAATTA	Db	2004
Qy	852	CAAGGGTCTTCA	1931	CTTTCTGTAT	Qy	1990
Db	925	CAAGGGTCTTCA	2005	CTTTCTGTAT	Db	2064
Qy	912	GCTATCCCTG	1991	TCATTTCTCA	Qy	2050
Db	985	GCTATCCCTG	2065	TCATTTCTCA	Db	2124
Qy	972	ATCAAGAAGT	2051	CCTCNGTAT	Qy	2110
Db	1045	ATCAAGAAGT	2125	CCTCAGTAT	Db	2184
Qy	1032	ACCCAGAAC	2111	AAATAGAAA	Qy	2170
Db	1105	ACCCAGAAC	2185	AAATAGAAA	Db	2244
Qy	1092	GAGATGTTT	2171	AACTATGAC	Qy	2230
Db	1165	GAGATGTTT	2245	AACTATGAC	Db	2304
Qy	1151	AAAGAGGGT	2231	ACTTGTAT	Qy	2260
Db	1225	AAAGAGGGT	2305	ACTTGTAT	Db	2335
Qy	1211	CGAAGCTG	RESULT 121			
Db	1285	CGAAGCTG	US-10-124-986-27			
Qy	1271	ATTCTGTC	; Sequence 27, Application US/10124986			
Db	1345	ATTCTGTC	; Publication No. US20030036508A1			
Qy	1331	GTTGACTG	; GENERAL INFORMATION:			
Db	1405	GTTGACTG	; APPLICANT: Ford et al.			
Qy	1391	GACTGGAA	; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS			
Db	1465	GACTGGAA	; FILE REFERENCE: 28110/37958			
Qy	1451	GCAGGTCA	; CURRENT APPLICATION NUMBER: US/10/124,986			
Db	1525	GCAGGTCA	; CURRENT FILING DATE: 2002-04-17			
Qy	1511	AGCAACTT	; PRIOR APPLICATION NUMBER: US 09/981,649			
Db	1585	AGCAACTT	; PRIOR FILING DATE: 2001-10-15			
Qy	1571	GTGTTTGA	; PRIOR APPLICATION NUMBER: US 09/687,860			
Db	1645	GTGTTTGA	; PRIOR FILING DATE: 2000-10-13			
Qy	1631	AAATGGA	; PRIOR APPLICATION NUMBER: US 09/620,312			
			; PRIOR FILING DATE: 2000-07-19			
			; PRIOR APPLICATION NUMBER: US 09/363,316			
			; PRIOR FILING DATE: 1999-07-28			
			; NUMBER OF SEQ ID NOS: 36			
			; SOFTWARE: FastSeq for Windows Version 3.0			
			; SEQ ID NO 27			
			; LENGTH: 2360			
			; TYPE: DNA			
			; ORGANISM: Homo sapiens			
			; FEATURE:			
			; NAME/KEY: CDS			
			; LOCATION: (190) .. (1869)			
			; FEATURE:			
			; NAME/KEY: misc feature			
			; LOCATION: (1) ... (2360)			

Db 1465 GACTGGAATCCTGCTGATCGAGTAATGCTATTGGCTTCTATATGGCAGTTCGGCGCTTG 1524
Qy 1451 GCAGGTCAAGAAGAGACATGGCCGATTAAGAACTTCTCTACTGACCTGAAACCCCAA 1510
Db 1525 GCAGGTCAAGAAGAGACATGGCCGATTAAGAACTTCTCTACTGACCTGAAACCCCAA 1584
Qy 1511 AGCAACTTCTGTTGCTCTTTGATTAACCGCTGGCGGAGACAAAGTCCGGAACCTTCGA 1570
Db 1585 AGCAACTTCTGTTGCTCTTTGATTAACCGCTGGCGGAGACAAAGTCCGGAACCTTCGA 1644
Qy 1571 GTGTTTGTGAAGAAACAGTAACATGCGCTGGCATGGGAGAGACACAGTGGAGTAA 1630
Db 1645 GTGTTTGTGAAGAAACAGTAACATGCGCTGGCATGGGAGAGACACAGTGGAGTAA 1704
Qy 1631 AAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTTACCAAAAGCATCAIT 1690
Db 1705 AAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTTACCAAAAGCATCAIT 1764
Qy 1691 TTTGAGCAGAACTGGCAGGCAAAACCGGGAATCGCAGTGGATGGGCTTTCCT 1750
Db 1765 TTTGAGCAGAACTGGCAGGCAAAACCGGGAATCGCAGTGGATGGGCTTTCCT 1824
Qy 1751 GTTTCAGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTA 1810
Db 1825 GTTTCAGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTA 1884
Qy 1811 TATTGACTTTGATGTCAGTTCCTGCTTTTATGATTTGATTCATCATAGACCTCTGC 1870
Db 1885 TATTGACTTTGATGTCAGTTCCTGCTTTTATGATTTGATTCATCATAGACCTCTGC 1944
Qy 1871 ATTTGAAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATTATTGTAAGATGC 1930
Db 1945 ATTTGAAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATTATTGTAAGATGC 2004
Qy 1931 CTTCCTTGTATAGATATGCAATATTCCTTTTAAATATCATATCATGATCTTCTCAG 1990
Db 2005 CTTCCTTGTATAGATATGCAATATTCCTTTTAAATATCATATCATGATCTTCTCAG 2064
Qy 1991 TCATTTCTGAATCTTTCNCATPATATTAATAAATNTGGAANGTCAAGTTTATCTCCCT 2050
Db 2065 TCATTTCTGAATCTTTCNCATPATATTAATAAATNTGGAANGTCAAGTTTATCTCCCT 2124
Qy 2051 CCTCNGTATATCTGATTTGTATANGTGTGATGCTTCTCTCTCAACATTTCTAGA 2110
Db 2125 CCTCAGTATATCTGATTTGTATAGTGAATGATGATCTCTCTACATTTCTAGA 2184
Qy 2111 AATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGATATCTTCTTGA 2170
Db 2185 AATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGATATCTTCTTGA 2244
Qy 2171 AACTATGACATCAAGATAGACTTTTTCCTTAAAGTGGCTTACTGGCTTTTATAGCCAA 2230
Db 2245 AACTATGACATCAAGATAGACTTTTTCCTTAAAGTGGCTTACTGGCTTTTATAGCCAA 2304
Qy 2231 ACTTGATATTTT-AACTTTTGAATAATAA 2260
Db 2305 ACTTGATATTTTAAATTTCTTTGAATAATAA 2335

RESULT 123

US-10-112-881-27
; Sequence 27, Application US/10112881
; Publication No. US2003016690A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363
; CURRENT APPLICATION NUMBER: US/10/112,881
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/697,860
; PRIOR FILING DATE: 2000-10-13

; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 2360
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (190)..(1869)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(2360)
; OTHER INFORMATION: n = a,t,c or g
US-10-112-881-27

Query Match 95.4%; Score 2155.6; DB 15; Length 2360;
Best Local Similarity 98.6%; Pred. No. 0;
Matches 2219; Conservative 0; Mismatches 11; Indels 21; Gaps 4;

Qy 31 CCCGAGCGGCTGAGGAGAGAGAGGCGCGCTTACTGCTACGGGGTCC-GGCGCGCGC 89
Db 85 CCCGGGAGGTGAGGAGAGAGAGGCGCGCTTACTGCTACGGGGTCCGGCGCGCGC 144
Qy 90 CCTCCGAGCGGCGCTCAGGAGGAGAGAGGAGCCGCTGCAGAAATGCTCTTGCCTCG 149
Db 145 CCTCCGAGCGGCGCTCAGGAGGAGAGAGGAGCCGCTGCAGAAATGCTCTTGCCTCG 204
Qy 150 AGCCTTCGGCTCCGCTGCTCTCTCTGCTGAGGAGTGGTTCGGGAACGCGCGCAGT 209
Db 205 AGCCTTCGGCTCCGCTGCTCTCTCTGCTGAGGAGTGGTTCGGGAACGCGCGCAGT 264
Qy 210 GCAAGG-----CATCAGCGGTTGTTAGCATCGGCACGTCAGCTCGG 251
Db 265 GCAAGGCGTTCTCATCATCATCATCATCAGCGGTTGTTAGCATCGGCACGTCAGCTCGG 324
Qy 252 GTCTGTCACTATGGAATAAAGTGGCTCTGCTAGGCTGAGGAGAAACAGCAGGGA 311
Db 325 GTCTGTCACTATGGAATAAAGTGGCTCTGCTAGGCTGAGGAGAAACAGCAGGGA 384
Qy 312 GTCTGTCAAGCTACATCGGAAACCTGGATGTAAGTTTGGTGAAGTGGGACCAAA 371
Db 385 GTCTGTGAAGCTACATCGGAAACCTGGATGTAAGTTTGGTGAAGTGGGACCAAA 444
Qy 372 TGAGATGCTTTCAGGATACACCGGGAACCTGAGTCAAGATGTAAGTGGGAG 431
Db 445 TGAGATGCTTTCAGGATACACCGGGAACCTGAGTCAAGATGTAAGTGGGAG 504
Qy 432 ATGAAACCCCGGCGCATGCCAACACAGATGTGAAATACACAGGAAGCTTACAGTGTCTTT 491
Db 505 ATGAAACCCCGGCGCATGCCAACACAGATGTGAAATACACAGGAAGCTTACAGTGTCTTT 564
Qy 492 TGCCTCAGTGGCCACATGCTCATGCCAGATGCTAGCTGTGAACTCTAGGACATGTGCC 551
Db 565 TGCCTCAGTGGCCACATGCTCATGCCAGATGCTAGCTGTGAACTCTAGGACATGTGCC 624
Qy 552 ATGATAAAGTGTGAGTACAGCTGTGAAACACAGGAAGGCGCCACAGTGTGTGCA 611
Db 625 ATGATAAAGTGTGAGTACAGCTGTGAAACACAGGAAGGCGCCACAGTGTGTGCA 684
Qy 612 TCCTCAGGACTCGGCTGCCCAATGGAAGAGACTCTCTAGATATTGATGATGTGCC 671
Db 685 TCCTCAGGACTCGGCTGCCCAATGGAAGAGACTCTCTAGATATTGATGATGTGCC 744
Qy 672 TCCTGTAAGTCACTGTCTCCCTACAAATCGAAGATGTGGAACACATTTGGAAGCTACTAC 731

Db 745 TCTGGTAAAGTCATCTGTCCCTACATCGAAGATGTGTGAACACATTTGGAGCTACTAC 804
Qy 732 TGCAAATGTCATATGGTTTCCAAATGCAATATATCATGTGACGATATGACTGTATAGAT 791
Db 805 TGCAAATGTCATATGGTTTCCAAATGCAATATATCATGTGACGATATGACTGTATAGAT 864
Qy 792 ATAAATGAATGTACTATGATAGCATAGTGCACGCCACCATGCCAATGTCTTCAATACC 851
Db 865 ATAAATGAATGTACTATGATAGCATAGTGCACGCCACCATGCCAATGTCTTCAATACC 924
Qy 852 CAAGGTCCTTCAAGTGTAAATCGAAGCAGGAGATATAAGGCAATGGACTTCGGTGTCT 911
Db 925 CAAGGTCCTTCAAGTGTAAATCGAAGCAGGAGATATAAGGCAATGGACTTCGGTGTCT 984
Qy 912 GCTATCCCTGAAATTCCTGTGAAGGAGTCCTCAGAGCACCTGTGACCACATCAAGACAGA 971
Db 985 GCTATCCCTGAAATTCCTGTGAAGGAGTCCTCAGAGCACCTGTGACCACATCAAGACAGA 1044
Qy 972 ATCAAGAAGTGTGTTGCTCACAAAAACAGCATGAAAAAGAGGCAAAAAATTAATAATGTT 1031
Db 1045 ATCAAGAAGTGTGTTGCTCACAAAAACAGCATGAAAAAGAGGCAAAAAATTAATAATGTT 1104
Qy 1032 ACCCGAAGCCACAGGACTCTACCCCTAGGTGAATTCGAGCCCTTCAACTATGAA 1091
Db 1105 ACCCGAAGCCACAGGACTCTACCCCTAGGTGAATTCGAGCCCTTCAACTATGAA 1164
Qy 1092 GAGATAGTTTTCAGAGGCGGGAATCTCATGTGAGGTAAAAAGGGAATCAAGAG-AAATG 1150
Db 1165 GAGATAGTTTTCAGAGGCGGGAATCTCATGTGAGGTAAAAAGGGAATCAAGAGAAATG 1224
Qy 1151 AAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTGAAGANTGACATAGAGAG 1210
Db 1225 AAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGCCCTGAAGANTGACATAGAGAG 1284
Qy 1211 CGAAGCTCGAGGAGATGTGTTTTCCCTAAAGGTGAATGAAGCAGGTGAATTCGGCCCTG 1270
Db 1285 CGAAGCTCGAGGAGATGTGTTTTCCCTAAAGGTGAATGAAGCAGGTGAATTCGGCCCTG 1344
Qy 1271 ATTCTGTGTCAAAGGAAGCGCTTAATCCAACTGGAACATATAAGATTTAAATATCTCG 1330
Db 1345 ATTCTGTGTCAAAGGAAGCGCTTAATCCAACTGGAACATATAAGATTTAAATATCTCG 1404
Qy 1331 GTTGACTGCAAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGAGATGATTTT 1390
Db 1405 GTTGACTGCAAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGAGATGATTTT 1464
Qy 1391 GACTGGAATCTGCTGATCGAGATAATGCTATATGGCTTCTATATGGCAGTTCCGGCCCTG 1450
Db 1465 GACTGGAATCTGCTGATCGAGATAATGCTATATGGCTTCTATATGGCAGTTCCGGCCCTG 1524
Qy 1451 GCAGGTCACAGGAAGACATTTGGCGATTTGAACCTTCTCTACCTGACCTGCACCCCAA 1510
Db 1525 GCAGGTCACAGGAAGACATTTGGCGATTTGAACCTTCTCTACCTGACCTGCACCCCAA 1584
Qy 1511 AGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAGACAAAAGTCGGGAACTTCGA 1570
Db 1585 AGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAGACAAAAGTCGGGAACTTCGA 1644
Qy 1571 GTGTTTGTGAAGAACAGTAACTAGCCCTGGCATGGGAGAACCCAGTCAGGATGAA 1630
Db 1645 GTGTTTGTGAAGAACAGTAACTAGCCCTGGCATGGGAGAACCCAGTCAGGATGAA 1704
Qy 1631 AAGTGAAGACAGGGAATTTCAAGTTGTATCAAGGAACTGATGCTACCAAAAGCATCATT 1690
Db 1705 AAGTGAAGACAGGGAATTTCAAGTTGTATCAAGGAACTGATGCTACCAAAAGCATCATT 1764
Qy 1691 TTGAGCAGAACGTGGCAGGGAAGAACCGGCGAAATCGCAGTGGATGGCGTCTTGCTT 1750
Db 1765 TTGAGCAGAACGTGGCAGGGAAGAACCGGCGAAATCGCAGTGGATGGCGTCTTGCTT 1824
Qy 1751 GTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTTACTATCTTTA 1810
Db 1825 GTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTTACTATCTTTA 1884

Qy 1811 TATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGTATTTGATATTTGCATCATAGGACTCTGGC 1870
Db 1885 TATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGTATTTGATATTTGCATCATAGGACTCTGGC 1944
Qy 1871 ATTTTGAATTTACTAGCTGAAAAAATTTGTAATGTACCAACAGAAATATATTGTAAGATGC 1930
Db 1945 ATTTTGAATTTACTAGCTGAAAAAATTTGTAATGTACCAACAGAAATATATTGTAAGATGC 2004
Qy 1931 CTTTCTTGATTAAGATATGCCAATATTTGCTTTAAATATCATATCAGTGTATCTTCTCAG 1990
Db 2005 CTTTCTTGATTAAGATATGCCAATATTTGCTTTAAATATCATATCAGTGTATCTTCTCAG 2064
Qy 1991 TCAATTTCTGAATCTTTCCNCAATATATATAAAATNTGGAAANGTCAGTTTATCTCCCT 2050
Db 2065 TCAATTTCTGAATCTTTCCNCAATATATATAAAATNTGGAAANGTCAGTTTATCTCCCT 2124
Qy 2051 CCTCNGTATATCTGATTTGTATANGTANGTNGCTTCTCTACACATTTCTTAGA 2110
Db 2125 CCTCAGTATATCTGATTTGTATAAGTAAAGTGTGAGCTTCTCTACACATTTCTTAGA 2184
Qy 2111 AAATAGAAAAAAGCACAGAGAAATGTTAACTGTTTGAATCTTATGATACTTCTTGGGA 2170
Db 2185 AAATAGAAAAAAGCACAGAGAAATGTTAACTGTTTGAATCTTATGATACTTCTTGGGA 2244
Qy 2171 AACTATGACATCAAAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGGCTTTTCATAGCCAA 2230
Db 2245 AACTATGACATCAAAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGGCTTTTCATAGCCAA 2304
Qy 2231 ACTTGTATATTTT-AAATCTTTTGTAAATAAA 2260
Db 2305 ACTTGTATATTTTAAATTTCTTTGTAAATAAA 2335

Search completed: June 15, 2004, 03:33:58
Job time : 987 secs

Search completed: June 15, 2004, 01:02:21
Job time : 5820 secs

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OM nucleic - nucleic search, using sw model

Run on: June 14, 2004, 20:41:43 ; Search time 5818 Seconds
(without alignments)
11599.953 Million cell updates/sec

Title: US-10-017-191A-118
Perfect score: 2260
Sequence: 1 cggacgcgtgggtggagtg.....ttaattcttctgtaataataa 2260

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 27513289 seqs, 14931090276 residues

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : EST.*
1: em_estba:*
2: em_esthum:*
3: em_estin:*
4: em_estnu:*
5: em_estov:*
6: em_estpl:*
7: em_estro:*
8: em_hic:*
9: gb_esti:*
10: gb_est2:*
11: gb_hic:*
12: gb_est3:*
13: gb_est4:*
14: gb_est5:*
15: em_estfun:*
16: em_estom:*
17: em_gss_hum:*
18: em_gss_inv:*
19: em_gss_pln:*
20: em_gss_vrt:*
21: em_gss_fun:*
22: em_gss_mam:*
23: em_gss_mus:*
24: em_gss_pro:*
25: em_gss_red:*
26: em_gss_phg:*
27: em_gss_vri:*
28: gb_gss1:*
29: gb_gss2:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Score	Match Length	ID	Description
---------------	----------------	--------------	----	-------------

No matches found

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OM protein - protein search, using sw model

Run on: June 15, 2004, 03:16:19 ; Search time 32 Seconds
(without alignments)
1016.023 Million cell updates/sec

Title: US-10-017-191A-119
Perfect score: 1931
Sequence: 1 MPLPWSLALPLLWSVAGGF.....BEIVSRGNSHGKKGNEEK 338

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 283366 seqs, 96191526 residues

Total number of hits satisfying chosen parameters: 1

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : PIR 78:*
1: PIR1:*
2: PIR2:*
3: PIR3:*
4: PIR4:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1900	98.4	558	2	Ti7324 hypothetical prote

ALIGNMENTS

RESULT 1
Ti7324
hypothetical protein DKFZp564P2063.1 - human (fragment)
C:Species: Homo sapiens (man)
C>Date: 15-Oct-1999 #sequence_revision 15-Oct-1999 #text_change 15-Oct-1999
C/Accession: Ti7324
R/Duesterhoeft, A.; Lauber, J.; Mewes, H.W.; Gassenhuber, J.; Wiemann, S.
submitted to the Protein Sequence Database, September 1999
A/Reference number: Z18727
A/Accession: Ti7324
A/Status: preliminary
A/Molecule type: mRNA
A/Residues: 1-558 <DUE>
A/Cross-references: EMBL:AL117610
A/Experimental source: fetal brain; clone DKFZp564P2063
C/Genetics:
A/Note: DKFZp564P2063.1

Query Match 98.4%; Score 1900; DB 2; Length 558;
Best Local Similarity 98.8%; Pred. No. 3.1e-127;
Matches 334; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 1 MPLPWSLALPLLWSVAGGFGNASARHHGLLASARQFGVCHYGTKLACCYGWRNSKGV 60

Db 6 MPLPWSLALPLLWSVAGGFGNASARHHGLLASARQFGVCHYGTKLACCYGWRNSKGV 65
Qy 61 CEATCEPGCKFGECVGNPKRCRPFYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKCFC 120
Db 66 CEATCEPGCKFGECVGNPKRCRCLPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKCFC 125
Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 126 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 185
Qy 181 GKVICPNRRVCNTHGSKYCKHIGFELQYISGRYDCIDINECTMDSHSTSHHANCNTQ 240
Db 186 GKVICPNRRVCNTHGSKYCKHIGFELQYISGRYDCIDINECTMDSHSTSHHANCNTQ 245
Qy 241 GSFKCKCKQYKGNGLRCSAIPENSVEVLRAPTIKDRIKKLLAHNSMKCKAKIKNVT 300
Db 246 GSFKCKCKQYKGNGLRCSAIPENSVEVLRAPTIKDRIKKLLAHNSMKCKAKIKNVT 305
Qy 301 PEPTTPTPTKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
Db 306 PEPTTPTPTKVNLPFPNVEEIVSRGNSHGKKGNEEK 343

Search completed: June 15, 2004, 03:37:16
Job time : 34 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 15, 2004, 03:11:14 ; Search time 78 Seconds
(without alignments)
1367.246 Million cell updates/sec

Title: US-10-017-191a-119

Perfect score: 1931

Sequence: 1 MPLPWSLALPLLLSWVAGGF.....EIVSRGNSHGKKGNEEK 338

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1017041 seqs, 315518202 residues

Total number of hits satisfying chosen parameters: 5

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database :

SPTREMBL_25:

- 1: sp_archaea:*
- 2: sp_bacteria:*
- 3: sp_fungi:*
- 4: sp_human:*
- 5: sp_invertebrate:*
- 6: sp_mammal:*
- 7: sp_nhc:*
- 8: sp_organelle:*
- 9: sp_phage:*
- 10: sp_plant:*
- 11: sp_rodent:*
- 12: sp_virus:*
- 13: sp_vertebrate:*
- 14: sp_unclassified:*
- 15: sp_rvirus:*
- 16: sp_bacteriapi:*
- 17: sp_archaeap:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1931	100.0	553	4 Q9NZL7	Q9nzl7 homo sapien
2	1931	100.0	553	4 O8IUX8	O8iux8 homo sapien
3	1931	100.0	554	4 Q9NV67	Q9ny67 homo sapien
4	1926	99.7	553	4 Q8NBV0	Q8nbv0 homo sapien
5	1900	98.4	558	4 Q9UFK6	Q9ufk6 homo sapien

ALIGNMENTS

RESULT 1

Q9NZL7 PRELIMINARY; PRT; 553 AA.

AC Q9NZL7;

DT 01-OCT-2000 (Tremblrel. 15, Created)

DT 01-OCT-2000 (Tremblrel. 15, Last sequence update)

01-OCT-2003 (Tremblrel. 25, Last annotation update)
Epidermal growth factor repeat containing protein.
EGFL6.

OS Homo sapiens (Human).

OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

NCBI_TaxID=9606;

RN [1]

SEQUENCE FROM N.A.

RP MEDLINE=20079166; PubMed=10610727;

RA Yeung G., Mulero J.J., Berntsen R.P., Loeb D.B., Drmanac R.,

Ford J.E.;

RT "Cloning of a novel epidermal growth factor repeat containing gene EGFL6; expressed in tumor and fetal tissues.";

RL Genomics 62:304-307(1999).

CC -1- SIMILARITY: CONTAINS 1 MAM DOMAIN.

DR EMBL; AF186084; AAF27812.1; -.

DR HSP; P00736; IAPQ.

DR GO; GO:0016020; C:membrane; IEA.

DR GO; GO:0005509; F:calcium ion binding; IEA.

DR InterPro; IPR000152; Asx_hydroxyl_S.

DR InterPro; IPR001881; EGF_Ca.

DR InterPro; IPR006209; EGF_like.

DR InterPro; IPR000998; MAM_domain.

DR Pfam; PF00008; EGF; 4.

DR Pfam; PF00629; MAM; 1.

DR SMART; SM00179; EGF_CA; 3.

DR PROSITE; PS00010; ASX_HYDROXYL; 3.

DR PROSITE; PS00022; EGF_1; 1.

DR PROSITE; PS01186; EGF_2; 2.

DR PROSITE; PS01187; EGF_CA; 3.

DR PROSITE; PS50060; MAM_2; 1.

DR EGF-like domain; Glycoprotein.

QW EGF-like domain; Glycoprotein.

SQ SEQUENCE 553 AA; 61314 MW; 2PF55FL67857DE50 CRC64;

Query Match

100.0%; Score 1931; DB 4; Length 553;

Best Local Similarity 100.0%; Pred. No. 1.2e-179;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLLSWVAGGFGNASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

Db 1 MPLPWSLALPLLLSWVAGGFGNASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

Qy 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDYNECGMKRPPCQHRCVNTHGSKYKFC 120

Db 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDYNECGMKRPPCQHRCVNTHGSKYKFC 120

Qy 121 LSGHMLMPDTCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180

Db 121 LSGHMLMPDTCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180

Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTQ 240

Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTQ 240

Qy 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTIKORIKKLAHNSMKKKAKIKNVT 300

Db 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTIKORIKKLAHNSMKKKAKIKNVT 300

Qy 301 PEPTPTPTKVNLPQPNYEEIVSRGNSHGKKGNEEK 338

Db 301 PEPTPTPTKVNLPQPNYEEIVSRGNSHGKKGNEEK 338

RESULT 2

O8IUX8

ID O8IUX8 PRELIMINARY; PRT; 553 AA.

AC O8IUX8;

DT 01-MAR-2003 (Tremblrel. 23, Created)

DT 01-MAR-2003 (Tremblrel. 23, Last sequence update)

DT 01-OCT-2003 (Tremblrel. 25, Last annotation update)

DE Similar to EGF-like-domain, multiple 6.

OS Homo sapiens (Human).

OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Brain;
RA Strausberg R.;
RL Submitted (Oct-2002) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC038587; AA338587.1; -.
DR GO; GO:0016020; C:membrane; IEA.
DR GO; GO:0005509; F:calcium ion binding; IEA.
DR InterPro; IPR001881; EGF_CA.
DR InterPro; IPR001881; EGF_CA.
DR InterPro; IPR006209; EGF-like.
DR InterPro; IPR006210; IEGF.
DR InterPro; IPR00998; MAM_domain.
DR Pfam; PF00008; EGF; 4.
DR Pfam; PF00629; MAM; 1.
DR SMART; SM00181; EGF; 5.
DR SMART; SM00179; EGF_CA; 3.
DR SMART; SM00137; MAM; 1.
DR PROSITE; PS00010; ASX_HYDROXYL; 3.
DR PROSITE; PS00022; EGF_1; 1.
DR PROSITE; PS01186; EGF_2; 2.
DR PROSITE; PS01187; EGF_CA; 3.
DR PROSITE; PS0060; MAM_2; 1.
DR PROSITE; PS0060; MAM_2; 1.
SQ SEQUENCE 553 AA; 61317 MW; 3AE93A0362861E0 CRC64;

Query Match 100.0%; Score 1931; DB 4; Length 553;
Best Local Similarity 100.0%; Pred. No. 1.2e-179;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTGLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTGLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGCEGVNCRKCPFGYGTCTSDQVNECGMKPPCQHRVNTGSKYKFC 120
Db 61 CEATCEPGCKFGCEGVNCRKCPFGYGTCTSDQVNECGMKPPCQHRVNTGSKYKFC 120
QY 121 LSGHMLPMDATCVNSRCAMINCYSCDETEGPOCLCPSSGLRLAPNGRDLIDECAS 180
Db 121 LSGHMLPMDATCVNSRCAMINCYSCDETEGPOCLCPSSGLRLAPNGRDLIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEK 338

RESULT 3
Q2NY67
ID Q2NY67 PRELIMINARY; PRT; 554 AA.
AC Q2NY67;
DT 01-OCT-2000 (TRENBLrel. 15, Created)
DT 01-OCT-2000 (TRENBLrel. 15, Last sequence update)
DT 01-OCT-2003 (TRENBLrel. 25, Last annotation update)
DE Hypothetical protein.
GN W80.
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Teratocarcinoma, and Neuron;

RA Franco B.;
RL Submitted (AUG-1999) to the EMBL/GenBank/DBJ databases.
RN [2]
RP SEQUENCE FROM N.A.
RC TISSUE=Teratocarcinoma, and Neuron;
EX MEDLINE=20241927; PubMed=10777661;
RA Buchner G., Orfanelli U., Quaderi N., Bassi M.T., Andolfi G.;
RT "Identification of a new EGF-repeat-containing gene from human Xp22:
RT A candidate for developmental disorders.";
RL Genomics 65:16-23(2000).
CC -1- SIMILARITY: CONTAINS 1 MAM DOMAIN.
DR EMBL; AJ245671; CAB92132.1; -.
DR HSP; P00736; IAPQ.
DR GO; GO:0016020; C:membrane; IEA.
DR GO; GO:0005509; F:calcium ion binding; IEA.
DR InterPro; IPR00152; ASX_HYDROXYL_S.
DR InterPro; IPR001881; EGF_CA.
DR InterPro; IPR006209; EGF-like.
DR InterPro; IPR00998; MAM_domain.
DR Pfam; PF00008; EGF; 4.
DR Pfam; PF00629; MAM; 1.
DR SMART; SM00179; EGF_CA; 3.
DR PROSITE; PS00010; ASX_HYDROXYL; 3.
DR PROSITE; PS00022; EGF_1; 1.
DR PROSITE; PS01186; EGF_2; 2.
DR PROSITE; PS01187; EGF_CA; 3.
DR PROSITE; PS0060; MAM_2; 1.
DR PROSITE; PS0060; MAM_2; 1.
KW Hypothetical protein; EGF-like domain; Glycoprotein.
SQ SEQUENCE 554 AA; 61388 MW; D519238F2A604101 CRC64;

Query Match 100.0%; Score 1931; DB 4; Length 554;
Best Local Similarity 100.0%; Pred. No. 1.2e-179;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTGLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTGLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGCEGVNCRKCPFGYGTCTSDQVNECGMKPPCQHRVNTGSKYKFC 120
Db 61 CEATCEPGCKFGCEGVNCRKCPFGYGTCTSDQVNECGMKPPCQHRVNTGSKYKFC 120
QY 121 LSGHMLPMDATCVNSRCAMINCYSCDETEGPOCLCPSSGLRLAPNGRDLIDECAS 180
Db 121 LSGHMLPMDATCVNSRCAMINCYSCDETEGPOCLCPSSGLRLAPNGRDLIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEK 338

RESULT 4
Q2NBVO
ID Q2NBVO PRELIMINARY; PRT; 553 AA.
AC Q2NBVO;
DT 01-OCT-2002 (TRENBLrel. 22, Created)
DT 01-OCT-2002 (TRENBLrel. 22, Last sequence update)
DT 01-OCT-2003 (TRENBLrel. 25, Last annotation update)
DE Hypothetical protein FLJ90733.
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.

RC TISSUE=Placenta;
RA Isogai T., Ota T., Nishikawa T., Hayashi K., Otsuki T., Sugiyama T.,
RA Suzuki Y., Nagai K., Sugano S., Ishii S., Kawai-Hio Y., Saito K.,
RA Yamamoto J., Wakamatsu A., Nakamura Y., Kojima S., Nagahara K.,
RA Masuho Y., Ono T., Okano K., Yoshikawa Y., Aotsuka S., Sasaki N.,
RA Hattori A., Okumura K., Iwayanagi T., Ninomiya K.,
RA "NEDO human cDNA sequencing project";
RT Submitted (MAR-2002) to the EMBL/GenBank/DBJ databases.
CC -1- SIMILARITY: CONTAINS 1 MAM DOMAIN.
DR EMBL; AK075214; BAC11477.1; -.
DR GO; GO:0016020; C:membrane; IEA.
DR GO; GO:0005509; F:calcium ion binding; IEA.
DR InterPro; IPR000152; Asx hydroxyl_s.
DR InterPro; IPR001881; EGF_Ca.
DR InterPro; IPR006209; EGF_Like.
DR InterPro; IPR006210; IEGF.
DR InterPro; IPR000998; MAM_domain.
DR Pfam; PF00008; EGF; 4.
DR Pfam; PF00629; MAM; 1.
DR SMART; SM00181; EGF; 5.
DR SMART; SM00137; MAM; 1.
DR SMART; SM00179; EGF_Ca; 4.
DR PROSITE; PS00010; ASX HYDROXYL; 3.
DR PROSITE; PS00022; EGF_1; 1.
DR PROSITE; PS01186; EGF_2; 2.
DR PROSITE; PS01187; EGF_Ca; 3.
DR PROSITE; PS00060; MAM_2; 1.
DR Hypothetical protein; EGF-like domain; Glycoprotein.
KW FT NON TER 1
SQ SEQUENCE 553 AA; 61318 MW; 3AE93A013CED5680 CRC64;

Query Match 99.7%; Score 1926; DB 4; Length 553;
Best Local Similarity 99.7%; Pred. No. 3.6e-179;
Matches 337; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLLSWVAGFGNAASARHHGLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MFLPWSLALPLLLSWVAGFGDAASARHHGLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCRFPFGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCRFPFGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKFC 120
QY 121 LSGHMLPMDATCVNSRTCAMINCOYSCEDTEEGPQCLPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLPMDATCVNSRTCAMINCOYSCEDTEEGPQCLPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNVT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 5
Q9UFK6 PRELIMINARY; PRT; 558 AA.
AC Q9UFK6
DT 01-MAY-2000 (TrEMBLrel. 13, Created)
DT 01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
DT 01-OCT-2003 (TrEMBLrel. 25, Last annotation update)
DE Hypothetical protein (Fragment).
GN DKFP564P2063.
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OK NCBI_TaxID=9606;
RN [1]

RP SEQUENCE FROM N.A.
RC TISSUE=Brain;
RA Duesterhoft A., Lauber J., Mewes H.W., Gassenhuber J., Wiemann S.;
RL Submitted (SEP-1999) to the EMBL/GenBank/DBJ databases.
CC -1- SIMILARITY: CONTAINS 1 MAM DOMAIN.
DR EMBL; AL117610; CAB56014.1; -.
DR PIR; T17324; T17324.
DR HSSP; F00736; IAPQ.
DR Genew; HGNC:3235; EGFL6.
DR GO; GO:0005615; C:extracellular space; TAS.
DR GO; GO:0005178; F:integrin binding; TAS.
DR GO; GO:0007049; P:cell cycle; TAS.
DR InterPro; IPR00152; Asx hydroxyl_s.
DR InterPro; IPR001881; EGF_Ca.
DR InterPro; IPR006209; EGF_Like.
DR InterPro; IPR000998; MAM_domain.
DR Pfam; PF00008; EGF; 4.
DR Pfam; PF00629; MAM; 1.
DR SMART; SM00179; EGF_Ca; 3.
DR PROSITE; PS00010; ASX HYDROXYL; 3.
DR PROSITE; PS00022; EGF_1; 1.
DR PROSITE; PS01186; EGF_2; 2.
DR PROSITE; PS01187; EGF_Ca; 2.
DR PROSITE; PS00060; MAM_2; 1.
DR Hypothetical protein; EGF-like domain; Glycoprotein.
KW FT NON TER 1
SQ SEQUENCE 558 AA; 61828 MW; AA38D7DCE402BFA3 CRC64;

Query Match 98.4%; Score 1900; DB 4; Length 558;
Best Local Similarity 98.8%; Pred. No. 1.2e-176;
Matches 334; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLLSWVAGFGNAASARHHGLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 6 MFLPWSLALPLLLSWVAGFGNAASARHHGLASARQPGVCHYGTKLACCYGWRNSKGV 65
QY 61 CEATCEPGCKFGECVGNKRCRFPFGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKFC 120
DB 66 CEATCEPGCKFGECVGNKRCRFPFGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKFC 125
QY 121 LSGHMLPMDATCVNSRTCAMINCOYSCEDTEEGPQCLPSSGLRLAPNGRCLDIDECAS 180
DB 126 LSGHMLPMDATCVNSRTCAMINCOYSCEDTEEGPQCLPSSGLRLAPNGRCLDIDECAS 185
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 186 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 245
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNVT 300
DB 246 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNVT 305
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 306 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 343

Search completed: June 15, 2004, 03:36:37
Job time : 81 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 15, 2004, 03:34:04 ; Search time 32 Seconds
(without alignments)
545.299 Million cell updates/sec

Title: US-10-017-191A-119
Perfect score: 1931
Sequence: 1 MFLPWSLALPLLSSWAGGF.....EEIVSRGNSHGKKGNEEK 338

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 7

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : Issued Patents AA:*

1: /cgn2_6/ptodata/2/iaa/5A-COMB.pep:*

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6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1931	100.0	553	4	US-09-249-697A-19 Sequence 19, Appl
2	1931	100.0	553	4	US-09-363-316B-24 Sequence 24, Appl
3	1926	99.7	553	4	US-08-249-697A-6 Sequence 6, Appl
4	1926	99.7	553	4	US-09-363-316B-6 Sequence 6, Appl
5	1646	85.2	502	4	US-09-363-316B-18 Sequence 18, Appl
6	1646	85.2	537	4	US-09-249-697A-4 Sequence 4, Appl
7	1646	85.2	537	4	US-09-363-316B-4 Sequence 4, Appl

ALIGNMENTS

RESULT 1

US-09-249-697A-19

Sequence 19, Application US/09249697A

Patent No. 6392018

GENERAL INFORMATION:

APPLICANT: Ford, John

TITLE OF INVENTION: NOVEL EGF MOTIF PROTEIN OBTAINED FROM A CDNA LIBRARY OF FETAL LIVER SPLEEN

FILE REFERENCE: 24011-727

CURRENT APPLICATION NUMBER: US/09/249,697A

PRIOR FILING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 08/968,800

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 24

LENGTH: 553

TYPE: PRT

ORGANISM: Homo sapiens

US-09-363-316B-24

Query Match 100.0%; Score 1931; DB 4; Length 553;

Best Local Similarity 100.0%; Pred. No. 1.5e-157;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLSSWAGGF...AARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

DB 1 MFLPWSLALPLLSSWAGGF...AARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120

DB 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCNTQ 240

DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCNTQ 240

QY 241 GSFKCKCKGKYGNGLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMCKKAKIKNVT 300

DB 241 GSFKCKCKGKYGNGLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMCKKAKIKNVT 300

QY 301 PEPTRTPPTKVNLPFNVEEIVSRGNSHGKKGNEEK 338

DB 301 PEPTRTPPTKVNLPFNVEEIVSRGNSHGKKGNEEK 338

RESULT 2

US-09-363-316B-24

Sequence 24, Application US/09363316B

Patent No. 6392019

GENERAL INFORMATION:

APPLICANT: Ford, John

TITLE OF INVENTION: EGF MOTIF PROTEIN MATERIALS AND METHODS

FILE REFERENCE: 28110/35852

CURRENT APPLICATION NUMBER: US/09/363,316B

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: US 09/249,697

PRIOR FILING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 08/968,800

PRIOR FILING DATE: 1997-11-22

NUMBER OF SEQ ID NOS: 24

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 24

LENGTH: 553

TYPE: PRT

ORGANISM: Homo sapiens

US-09-363-316B-24

Query Match 100.0%; Score 1931; DB 4; Length 553;

Best Local Similarity 100.0%; Pred. No. 1.5e-157;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLSSWAGGF...AARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

DB 1 MFLPWSLALPLLSSWAGGF...AARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120

DB 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 15, 2004, 03:34:04 ; Search time 32 Seconds
(without alignments)
545.299 Million cell updates/sec

Title: US-10-017-191A-119
Perfect score: 1931
Sequence: 1 MFLPWSLALPLLSSWAGGF.....EEIVSRGNSHGKKGNEEK 338

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 7

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : Issued Patents AA:*

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2: /cgn2_6/ptodata/2/iaa/5B-COMB.pep:*

3: /cgn2_6/ptodata/2/iaa/6A-COMB.pep:*

4: /cgn2_6/ptodata/2/iaa/6B-COMB.pep:*

5: /cgn2_6/ptodata/2/iaa/PTUS-COMB.pep:*

6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1931	100.0	553	4	US-09-249-697A-19 Sequence 19, Appl
2	1931	100.0	553	4	US-09-363-316B-24 Sequence 24, Appl
3	1926	99.7	553	4	US-08-249-697A-6 Sequence 6, Appl
4	1926	99.7	553	4	US-09-363-316B-6 Sequence 6, Appl
5	1646	85.2	502	4	US-09-363-316B-18 Sequence 18, Appl
6	1646	85.2	537	4	US-09-249-697A-4 Sequence 4, Appl
7	1646	85.2	537	4	US-09-363-316B-4 Sequence 4, Appl

ALIGNMENTS

RESULT 1

US-09-249-697A-19

Sequence 19, Application US/09249697A

Patent No. 6392018

GENERAL INFORMATION:

APPLICANT: Ford, John

TITLE OF INVENTION: NOVEL EGF MOTIF PROTEIN OBTAINED FROM A CDNA LIBRARY OF FETAL LIVER SPLEEN

FILE REFERENCE: 24011-727

CURRENT APPLICATION NUMBER: US/09/249,697A

PRIOR FILING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 08/968,800

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 19

LENGTH: 553

TYPE: PRT

ORGANISM: Homo sapiens

US-09-363-316B-24

Query Match 100.0%; Score 1931; DB 4; Length 553;

Best Local Similarity 100.0%; Pred. No. 1.5e-157;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLSSWAGGF...AARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

DB 1 MFLPWSLALPLLSSWAGGF...AARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120

DB 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

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Db 121 LSGHMLPDTVCNSRTCAINCOYSCDETEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTQ 240
Qy 241 GSFCKCKQGYKGNLRCSPAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNT 300
Db 241 GSFCKCKQGYKGNLRCSPAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNT 300
Qy 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 3
US-09-249-697A-6
; Sequence 6, Application US/09249697A
; Patent No. 6392018
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; TITLE OF INVENTION: NOVEL EGF MOTIF PROTEIN OBTAINED FROM A CDNA LIBRARY OF FETAL
; TITLE OF INVENTION: LIVER SPLEEN
; FILE REFERENCE: 24011-727
; CURRENT APPLICATION NUMBER: US/09/249,697A
; PRIOR FILING DATE: 1999-02-12
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: VARIANT
; LOCATION: (1)...(553)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-09-249-697A-6

Query Match 99.7%; Score 1926; DB 4; Length 553;
Best Local Similarity 99.7%; Pred. No. 4e-157;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLLSWAGGFGNAASARHHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLLPWVAGGFGNAASARHHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNKRCRCPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKRCRCPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
Qy 121 LSGHMLPDTVCNSRTCAINCOYSCDETEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDTVCNSRTCAINCOYSCDETEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTQ 240
Qy 241 GSFCKCKQGYKGNLRCSPAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNT 300
Db 241 GSFCKCKQGYKGNLRCSPAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNT 300
Qy 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 4
US-09-363-316B-6
; Sequence 6, Application US/09363316B
; Patent No. 6392019
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; TITLE OF INVENTION: EGF MOTIF PROTEIN MATERIALS AND METHODS
; FILE REFERENCE: 28110/35852
; CURRENT APPLICATION NUMBER: US/09/363,316B
; PRIOR FILING DATE: 1999-07-28
; PRIOR FILING DATE: 1999-02-12
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 18
; LENGTH: 502
; TYPE: PRT
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; Patent No. 6392019
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Yeung, George
; TITLE OF INVENTION: EGF MOTIF PROTEIN MATERIALS AND METHODS
; FILE REFERENCE: 28110/35852
; CURRENT APPLICATION NUMBER: US/09/363,316B
; PRIOR FILING DATE: 1999-07-28
; PRIOR FILING DATE: 1999-02-12
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; LOCATION: (357)
; OTHER INFORMATION: Xaa = any amino acid
US-09-363-316B-6

Query Match 99.7%; Score 1926; DB 4; Length 553;
Best Local Similarity 99.7%; Pred. No. 4e-157;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLLSWAGGFGNAASARHHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLLPWVAGGFGNAASARHHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNKRCRCPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKRCRCPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
Qy 121 LSGHMLPDTVCNSRTCAINCOYSCDETEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDTVCNSRTCAINCOYSCDETEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTQ 240
Qy 241 GSFCKCKQGYKGNLRCSPAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNT 300
Db 241 GSFCKCKQGYKGNLRCSPAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNT 300
Qy 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 5
US-09-363-316B-18
; Sequence 18, Application US/09363316B
; Patent No. 6392019
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Yeung, George
; TITLE OF INVENTION: EGF MOTIF PROTEIN MATERIALS AND METHODS
; FILE REFERENCE: 28110/35852
; CURRENT APPLICATION NUMBER: US/09/363,316B
; PRIOR FILING DATE: 1999-07-28
; PRIOR FILING DATE: 1999-02-12
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 18
; LENGTH: 502
; TYPE: PRT
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/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (501-502)
/ OTHER INFORMATION: Xaa = any amino acid
US-09-363-316B-18

Query Match      85.2%; Score 1646; DB 4; Length 502;
Best Local Similarity 100.0%; Pred. No. 3.9e-133;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPCQHRVCN 111
Db 1 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPCQHRVCN 60
QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAINCOYSCEDETEGPOCLCPSSGLRLAPNGRD 171
Db 61 THGSYKCFCLSGHMLMPDATCVNSRTCAINCOYSCEDETEGPOCLCPSSGLRLAPNGRD 120
QY 172 CLDIDECASGKVICPNRRVCNVTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 231
Db 121 CLDIDECASGKVICPNRRVCNVTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 180
QY 232 HHANCFNTQGSFKCKQGYKGNLRCSAIPENSVEVLRAPGTIKDIRIKKLLAHKNSMK 291
Db 181 HHANCFNTQGSFKCKQGYKGNLRCSAIPENSVEVLRAPGTIKDIRIKKLLAHKNSMK 240
QY 292 KKAIKNTVPEPTPTTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
Db 241 KKAIKNTVPEPTPTTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 287

RESULT 6
US-09-249-697A-4
; Sequence 4, Application US/09249697A
; Patent No. 6392018
; GENERAL INFORMATION:
; APPLICANT: Yeung, George
; TITLE OF INVENTION: NOVEL EGF MOTIF PROTEIN OBTAINED FROM A CDNA LIBRARY OF FETAL
; FILE OF INVENTION: LIVER SPLEEN
; FILE REFERENCE: 24011-727
; CURRENT APPLICATION NUMBER: US/09/249,697A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 537
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)...(537)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-09-249-697A-4

Query Match      85.2%; Score 1646; DB 4; Length 537;
Best Local Similarity 100.0%; Pred. No. 3.9e-133;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPCQHRVCN 111
Db 1 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPCQHRVCN 60
QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAINCOYSCEDETEGPOCLCPSSGLRLAPNGRD 171
Db 61 THGSYKCFCLSGHMLMPDATCVNSRTCAINCOYSCEDETEGPOCLCPSSGLRLAPNGRD 120
QY 172 CLDIDECASGKVICPNRRVCNVTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 231
Db 121 CLDIDECASGKVICPNRRVCNVTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 180
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QY 232 HHANCFNTQGSFKCKQGYKGNLRCSAIPENSVEVLRAPGTIKDIRIKKLLAHKNSMK 291
Db 181 HHANCFNTQGSFKCKQGYKGNLRCSAIPENSVEVLRAPGTIKDIRIKKLLAHKNSMK 240
QY 292 KKAIKNTVPEPTPTTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
Db 241 KKAIKNTVPEPTPTTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 287

RESULT 7
US-09-363-316B-4
; Sequence 4, Application US/09363316B
; Patent No. 6392019
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Yeung, George
; TITLE OF INVENTION: EGF MOTIF PROTEIN MATERIALS AND METHODS
; FILE REFERENCE: 28110/35852
; CURRENT APPLICATION NUMBER: US/09/363,316B
; CURRENT FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 537
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (503)
; OTHER INFORMATION: Xaa = any amino acid
US-09-363-316B-4

Query Match      85.2%; Score 1646; DB 4; Length 537;
Best Local Similarity 100.0%; Pred. No. 3.9e-133;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPCQHRVCN 111
Db 1 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPCQHRVCN 60
QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAINCOYSCEDETEGPOCLCPSSGLRLAPNGRD 171
Db 61 THGSYKCFCLSGHMLMPDATCVNSRTCAINCOYSCEDETEGPOCLCPSSGLRLAPNGRD 120
QY 172 CLDIDECASGKVICPNRRVCNVTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 231
Db 121 CLDIDECASGKVICPNRRVCNVTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 180
QY 232 HHANCFNTQGSFKCKQGYKGNLRCSAIPENSVEVLRAPGTIKDIRIKKLLAHKNSMK 291
Db 181 HHANCFNTQGSFKCKQGYKGNLRCSAIPENSVEVLRAPGTIKDIRIKKLLAHKNSMK 240
QY 292 KKAIKNTVPEPTPTTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
Db 241 KKAIKNTVPEPTPTTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 287

Search completed: June 15, 2004, 03:37:57
Job time : 35 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 15, 2004, 01:02:28 ; Search time 88 Seconds
(without alignments)
1085.239 Million cell updates/sec

Title: US-10-017-191a-119

Perfect score: 1931

Sequence: 1 MFLFWSLALPLLLSWAGVF.....EBIVSRGNSHGKKGNEEK 338

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1586107 seqs, 282547505 residues

Total number of hits satisfying chosen parameters: 71

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

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1: geneseqp1980s:*
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7: geneseqp2003bs:*
8: geneseqp2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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4	1931	100.0	338	3	AAB18669 Amino aci
5	1931	100.0	338	6	ABO25204 Novel hum
6	1931	100.0	338	6	ABU72210 Novel hum
7	1931	100.0	338	6	ABU84890 Human sec
8	1931	100.0	338	6	ABU61088 Human PRO
9	1931	100.0	338	6	ABU80357 Human sec
10	1931	100.0	338	6	ADA24658 Novel hum
11	1931	100.0	338	6	ABO19659 Novel hum
12	1931	100.0	338	6	ADA12319 Human sec
13	1931	100.0	338	6	ABO19550 Novel hum
14	1931	100.0	338	7	ADB73625 Human PRO
15	1931	100.0	338	7	ADB76341 Human PRO
16	1931	100.0	338	7	ADC43767 Human sec
17	1931	100.0	338	7	ADC61527 Human sec
18	1931	100.0	338	7	ADC63491 Human sec
19	1931	100.0	338	7	ADC66591 Human sec
20	1931	100.0	338	7	ADC68715 Human sec
21	1931	100.0	338	7	ADC82775 Human sec
22	1931	100.0	338	7	ADC67840 Human sec
23	1931	100.0	338	7	ADC41160 Human sec
24	1931	100.0	338	7	ADC67215 Human sec
25	1931	100.0	338	7	ADC62151 Human sec

26	1931	100.0	338	7	ADC411784	Adc411784 Human sec
27	1931	100.0	338	7	AD549153	Ad549153 Human sec
28	1931	100.0	338	7	AD335207	Ad335207 Human sec
29	1931	100.0	338	7	AD16321	Ad16321 Human sec
30	1931	100.0	338	7	ADD72936	Add72936 Human sec
31	1931	100.0	338	7	ADD72294	Add72294 Human sec
32	1931	100.0	338	7	AD16945	Ad16945 Human sec
33	1931	100.0	338	8	AD48453	Ad48453 Human sec
34	1931	100.0	338	8	AD89554	Ad89554 Human sec
35	1931	100.0	553	3	AB01423	Ab01423 Human TAN
36	1931	100.0	553	3	AA015368	Aa015368 Human EGF
37	1931	100.0	553	5	AA26506	Aa26506 Human epi
38	1931	100.0	553	5	ABJ05586	Abj05586 Breast ca
39	1931	100.0	553	6	ABG72942	Abg72942 Novel hum
40	1931	100.0	553	6	ABR48234	Abi48234 Human bla
41	1931	100.0	553	6	ABU56725	Abu56725 Lung carc
42	1931	100.0	553	6	ABU62265	Abu62265 Epidermal
43	1931	100.0	553	7	ADB80482	Adb80482 Ovarian C
44	1931	100.0	554	4	AA27224	Aa27224 Human EXM
45	1931	100.0	554	4	AA39156	Aa39156 Human pol
46	1931	100.0	554	5	AA015371	Aa015371 Human EGF
47	1931	100.0	554	6	ABG72945	Abg72945 Novel hum
48	1931	100.0	554	6	ABU62268	Abu62268 Novel epi
49	1931	100.0	573	4	AA40942	Aa40942 Human pol
50	1926	99.7	553	4	AA932622	Aa932622 Human pol
51	1926	99.7	553	5	AA015361	Aa015361 Human EGF
52	1926	99.7	553	5	AA26500	Aa26500 Human epi
53	1926	99.7	553	6	ABG72935	Abg72935 Novel hum
54	1926	99.7	553	6	ABU62258	Abu62258 Epidermal
55	1920.5	99.5	554	5	AA015370	Aa015370 Human EGF
56	1920.5	99.5	554	6	ABG72944	Abg72944 Novel hum
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58	1918	99.3	559	5	AA015369	Aa015369 Human EGF
59	1918	99.3	559	6	ABG72943	Abg72943 Novel hum
60	1918	99.3	559	6	ABU62266	Abu62266 Novel epi
61	1916	99.2	553	2	AA23677	Aa23677 Human EST
62	1894	98.1	331	4	AA18108	Aay18108 Protein e
63	1646	85.2	502	5	AA015367	Aa015367 Human EGF
64	1646	85.2	502	5	AA26499	Aa26499 Human epi
65	1646	85.2	502	6	ABG72941	Abg72941 Novel hum
66	1646	85.2	502	6	ABU62264	Abu62264 Epidermal
67	1646	85.2	537	2	AA18110	Aay18110 Protein e
68	1646	85.2	537	5	AA015360	Aa015360 Human EGF
69	1646	85.2	537	5	AA26498	Aa26498 Human epi
70	1646	85.2	537	6	ABG72934	Abg72934 Novel hum
71	1646	85.2	537	6	ABU62257	Abu62257 Epidermal

ALIGNMENTS

RESULT 1

AAAY41702
ID AAY41702 standard; protein; 338 AA.

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AC AAY41702;

XX
DT 07-DEC-1999 (first entry)

XX
DE Human PRO320 protein sequence.

XX
KW Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;
KW probe; blood coagulation disorder; cancer; cellular adhesion disorder;
KW secreted protein; transmembrane protein.

XX
OS Homo sapiens.

XX
PN WO9946281-A2.

XX
PD 16-SEP-1999.

XX
PF 08-MAR-1999; 99MO-US005028.

XX

PR 10-MAR-1998; 98US-0077450P.
 PR 11-MAR-1998; 98US-0077632P.
 PR 11-MAR-1998; 98US-0077641P.
 PR 11-MAR-1998; 98US-0077649P.
 PR 12-MAR-1998; 98US-0077791P.
 PR 13-MAR-1998; 98US-0078004P.
 PR 17-MAR-1998; 98US-0040220.
 PR 20-MAR-1998; 98US-0078862P.
 PR 20-MAR-1998; 98US-0078910P.
 PR 20-MAR-1998; 98US-0078936P.
 PR 20-MAR-1998; 98US-0078939P.
 PR 25-MAR-1998; 98US-0079294P.
 PR 26-MAR-1998; 98US-0079656P.
 PR 27-MAR-1998; 98US-0079663P.
 PR 27-MAR-1998; 98US-0079664P.
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 PR 27-MAR-1998; 98US-0079786P.
 PR 30-MAR-1998; 98US-0079920P.
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 PR 31-MAR-1998; 98US-0080105P.
 PR 31-MAR-1998; 98US-0080107P.
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 PR 31-MAR-1998; 98US-0080194P.
 PR 01-APR-1998; 98US-0080327P.
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 PR 08-APR-1998; 98US-0081049P.
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 PR 09-APR-1998; 98US-0081203P.
 PR 09-APR-1998; 98US-0081229P.
 PR 15-APR-1998; 98US-0081817P.
 PR 15-APR-1998; 98US-0081838P.
 PR 15-APR-1998; 98US-0081952P.
 PR 15-APR-1998; 98US-0081955P.
 PR 21-APR-1998; 98US-0082568P.
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 PR 22-APR-1998; 98US-0082700P.
 PR 22-APR-1998; 98US-0082704P.
 PR 23-APR-1998; 98US-0082804P.
 PR 23-APR-1998; 98US-0082767P.
 PR 23-APR-1998; 98US-0082796P.
 PR 27-APR-1998; 98US-0083336P.
 PR 28-APR-1998; 98US-0083322P.
 PR 29-APR-1998; 98US-0083392P.
 PR 29-APR-1998; 98US-0083495P.
 PR 29-APR-1998; 98US-0083496P.
 PR 29-APR-1998; 98US-0083499P.
 PR 29-APR-1998; 98US-0083500P.
 PR 29-APR-1998; 98US-0083545P.
 PR 29-APR-1998; 98US-0083554P.
 PR 29-APR-1998; 98US-0083558P.
 PR 29-APR-1998; 98US-0083559P.
 PR 30-APR-1998; 98US-0083742P.
 PR 05-MAY-1998; 98US-0084366P.
 PR 06-MAY-1998; 98US-0084414P.
 PR 06-MAY-1998; 98US-0084411P.
 PR 07-MAY-1998; 98US-0084598P.
 PR 07-MAY-1998; 98US-0084600P.
 PR 07-MAY-1998; 98US-0084627P.
 PR 07-MAY-1998; 98US-0084637P.
 PR 07-MAY-1998; 98US-0084639P.
 PR 07-MAY-1998; 98US-0084640P.
 PR 07-MAY-1998; 98US-0084643P.
 PR 13-MAY-1998; 98US-0085323P.
 PR 13-MAY-1998; 98US-0085338P.
 PR 13-MAY-1998; 98US-0085339P.
 PR 15-MAY-1998; 98US-0085573P.
 PR 15-MAY-1998; 98US-0085579P.
 PR 15-MAY-1998; 98US-0085580P.

PR 15-MAY-1998; 98US-0085582P.
 PR 15-MAY-1998; 98US-0085689P.
 PR 15-MAY-1998; 98US-0085697P.
 PR 15-MAY-1998; 98US-0085700P.
 PR 15-MAY-1998; 98US-0085704P.
 PR 18-MAY-1998; 98US-0086023P.
 PR 22-MAY-1998; 98US-0086392P.
 PR 22-MAY-1998; 98US-0086414P.
 PR 22-MAY-1998; 98US-0086430P.
 PR 22-MAY-1998; 98US-0086486P.
 PR 28-MAY-1998; 98US-0087098P.
 PR 28-MAY-1998; 98US-0087106P.
 PR 28-MAY-1998; 98US-0087208P.
 PR 30-JUL-1998; 98US-0094651P.
 PR 11-SEP-1998; 98US-0100038P.

XX (GETH) GENENTECH INC.

PI Wood WI, Goddard A, Gurney A, Yuan J, Baker KP, Chen J;

XX WPI; 1999-551358/46.

DR N-PSDB; AAZ33991.

XX New secreted and transmembrane polypeptides and their polynucleotides,

PT useful for treating blood coagulation disorders, cancers and cellular

PT adhesion disorders.

PS Claim 12; Fig 45; 530pp; English.

XX The present invention describes secreted and transmembrane polypeptides

CC and their polynucleotides. The nucleotide sequences are useful as sources

CC of probes, primers, for chromosome mapping, and for generation of

CC antisense sequences. They can also be used to create transgenic animals.

CC The proteins can be used to treat a variety of diseases and disorders,

CC depending on their function. Diseases that may be treated include blood

CC coagulation disorders, cancers and cellular adhesion disorders. They may

CC also be used to raise antibodies. AAZ33891 to AAZ34338, and AAZ41685 to

CC AAZ41774 represent polynucleotide and polypeptide sequence given in the

CC exemplification of the present invention

XX Sequence 338 AA;

Query Match 100.0%; Score 1931; DB 2; Length 338;

Best Local Similarity 100.0%; Pred. No. 3.6e-131;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLLSWAGFGNNAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
 DB 1 MFLPWSLALPLLLSWAGFGNNAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
 QY 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDQVNECGMKRPRCOHRCVNTGHSYKFC 120
 DB 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDQVNECGMKRPRCOHRCVNTGHSYKFC 120
 QY 121 LSGHMLPDPATCVNSRTCAVINCOYSCDTEGPGCLCPSSGLRLAPNGRDLIDECAS 180
 DB 121 LSGHMLPDPATCVNSRTCAVINCOYSCDTEGPGCLCPSSGLRLAPNGRDLIDECAS 180
 QY 181 GKVICPNRRCVNTFGSYCKCHIGFELYISGRVDCIDINECTMDSHHCNANTQ 240
 DB 181 GKVICPNRRCVNTFGSYCKCHIGFELYISGRVDCIDINECTMDSHHCNANTQ 240
 QY 241 GSPKCKCKQYKNGRLCSAIPENSVEVLAPGTIKRIKKLAHKNMKKAKIKNVT 300
 DB 241 GSPKCKCKQYKNGRLCSAIPENSVEVLAPGTIKRIKKLAHKNMKKAKIKNVT 300
 QY 301 PEPTRTPTKVNLOPPNYEIVSRGNSHGKKGNEEK 338
 DB 301 PEPTRTPTKVNLOPPNYEIVSRGNSHGKKGNEEK 338

RESULT 2
 AAB44258

ID XX AAB44258 standard; protein; 338 AA.
AC AAB44258;
XX
DT 08-FEB-2001 (first entry)
XX
DE Human PRO320 (UNQ281) protein sequence SEQ ID NO:119.
XX
KW Human; secreted protein; transmembrane protein; PRO; EST; cytotstatic;
KW expressed sequence tag; detection; cancer.
XX
OS Homo sapiens.
XX WO2000053756-A2.
XX
PD 14-SEP-2000.
XX
PF 18-FEB-2000; 2000WO-US004341.
XX
PR 08-MAR-1999; 99WO-US005028.
PR 12-MAR-1999; 99US-01239578.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 28-APR-1999; 99US-0134445P.
PR 14-MAY-1999; 99US-0134287P.
PR 23-JUN-1999; 99US-0141037P.
PR 26-JUL-1999; 99US-0145698P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 08-JAN-2000; 2000WO-US000277.
PR 08-JAN-2000; 2000WO-US000376.
XX
PA (GETH) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX Goddard A, Godowski PJ, Grimaldi CJ, Gurney AL, Hillan KJ;
XX Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2000-611443/58.
DR N-PSDB; AAC78484.
XX
XX Novel PRO polypeptides and polynucleotides used in detection methods, to
XX target bioactive molecules to specific cells, and to modulate cellular
XX activities.
XX
XX Claim 12; Fig 45; 636pp; English.
XX
XX AAC78458 to AAC78599 represent polynucleotide and EST (expressed sequence
XX tag) sequences which encode secreted or transmembrane PRO polypeptides.
XX The PRO polynucleotides and polypeptides have cytostatic activity. The
XX polynucleotides and polypeptides can be used for detecting the presence
XX of PRO polypeptides in samples, for linking bioactive molecules to cells
XX and for modulating biological activities of cells, using the polypeptides
XX for specific targeting. The polypeptide targeting can be used to kill the
XX target cells, e.g. for the treatment of cancers. The polypeptide pairs
XX provide specific targeting of bioactive molecules to cells. AAC78600 to
XX AAC78987 represent PCR primers and probes used in the isolation of the
XX PRO polynucleotide sequences

Sequence 338 AA;
Query Match 100.0%; Score 1931; DB 3; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLISWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGRNRNKGV 60
DB |||||
QY 61 CEATCEPGCKFGECVGNKCRCPGTYGKTCSDVNECGMKRPPCOHRCVNTHSGVKFC 120
DB |||||
QY 61 CEATCEPGCKFGECVGNKCRCPGTYGKTCSDVNECGMKRPPCOHRCVNTHSGVKFC 120
DB |||||
QY 121 LSGHMLPMDATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180
DB |||||
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTQ 240
DB |||||
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTQ 240
DB |||||
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPTIKDRIKLLAHKNSMKKAKIKNVT 300
DB |||||
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPTIKDRIKLLAHKNSMKKAKIKNVT 300
DB |||||
QY 301 PEPTPTTPKVNLPFFNYEIVSRGNSHGKKNEEK 338
DB |||||
QY 301 PEPTPTTPKVNLPFFNYEIVSRGNSHGKKNEEK 338
DB |||||
RESULT 3
AAAY95339
ID AAY95339 standard; protein; 338 AA.
AC AAY95339;
XX
XX 25-SEP-2000 (first entry)
DT
XX Human PRO320 antitumour protein.
DE
XX PRO320; human; antitumour; tumour; therapy; cytostatic; breast cancer;
KW ovarian cancer; renal cancer; colorectal cancer; uterine cancer;
KW prostate cancer; lung cancer; bladder cancer;
KW central nervous system cancer; melanoma; leukaemia; neoplasm.
XX
XX Homo sapiens.
OS
XX Key Location/Qualifiers
XX Peptide 1. .21
FT /label= Signal_peptide
FT 22. .338
FT Protein /label= PRO320
FT 80. .91
FT Region /note= "epidermal growth factor-like domain cysteine
FT pattern signature"
FT Domain 103. .125
FT /note= "calcium-binding epidermal growth factor-like
FT domain"
FT Modified-site 109. .121
FT /note= "Asn hydroxylation site"
FT Domain 185. .207
FT /note= "calcium-binding epidermal growth factor-like
FT domain"
FT Modified-site 191. .203
FT /note= "Asn hydroxylation site"
FT Domain 230. .252
FT /note= "calcium-binding epidermal growth factor-like
FT domain"
FT Modified-site 236. .248
FT /note= "Asn hydroxylation site"
FT Modified-site 330. .334
FT /note= "amidation site"
XX
XX WO2000037638-A2.
XX
XX 29-JUN-2000.
PD
XX 02-DEC-1999; 99WO-US028565.
PF

XX 22-DEC-1998; 98US-0113296P.
PR 08-MAR-1999; 99WO-US005028.
PR 21-APR-1999; 99US-0130232P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 26-JUL-1999; 99US-0144758P.
PR 20-JUL-1999; 99US-0145698P.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
XX (GETH) GENENTECH INC.
PA Ashkenazi AJ, Goddard A, Godowski PJ, Gurney AL, Marsters SA;
PI Napier MA, Pitti RM, Wood WI;
XX WPI; 2000-442668/38.
DR N-PSDB; AAA49718.
XX Novel composition to inhibit neoplastic cell growth or for treating tumor
PT in mammal comprises polypeptides PRO179, PRO207, PRO320, PRO219, PRO221,
PT PRO224, PRO328, PRO301, PRO526, PRO362, PRO356, PRO509 or PRO866.
XX Claim 19; Fig 6; 172pp; English.
XX The present sequence is that of human antitumor protein PRO320, as
CC deduced from a foetal lung cDNA clone (see AAA49718). PRO320 has a
CC mol.wt. of 37,143 and a pI of 8.92. A claimed method for inhibiting the
CC growth of a tumour cell comprises exposing the tumor cell to PRO179,
CC PRO207, PRO320, PRO219, PRO221, PRO328, PRO301, PRO526, PRO362,
CC PRO356, PRO509 or PRO866 (see AA95337-49), their agonists or chimeric
CC polypeptides incorporating them. The tumour is especially a cancer
CC selected from breast, ovarian, renal, colorectal, uterine, prostate,
CC lung, bladder and central nervous system cancer, melanoma and leukemia.
CC Methods for the recombinant expression of the antitumour proteins are
CC also provided
XX Sequence 338 AA;
SQ Query Match 100.0%; Score 1931; DB 3; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Qy 61 CEATCEGCGEGCGVGNKRCFPFGYGTGTCSDQVNECGMKRPPCQHRVCNTHGSKFC 120
Db 61 CEATCEGCGEGCGVGNKRCFPFGYGTGTCSDQVNECGMKRPPCQHRVCNTHGSKFC 120
Qy 121 LSGHMLPDPATCVNSRTCAMINQYSCDETEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAMINQYSCDETEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
Qy 181 GKVICPNRRVCNTPFGSYCKHIGFELQYISGRYDCIDINECTMDSHSCSHHANCFTQ 240
Db 181 GKVICPNRRVCNTPFGSYCKHIGFELQYISGRYDCIDINECTMDSHSCSHHANCFTQ 240
Qy 241 GSPKCKQKQYKGNLRCSAIPENSVEKVLRAPTTKDKRIKLLAHNSMKKAKIKNT 300
Db 241 GSPKCKQKQYKGNLRCSAIPENSVEKVLRAPTTKDKRIKLLAHNSMKKAKIKNT 300
Qy 301 PEPTRTPTPKVNLQPFNYEIVSVRSGNSHGKKGNEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSVRSGNSHGKKGNEK 338
RESULT 4
AAB18669
ID AAB18669 standard; protein; 338 AA.
XX AAB18669;
AC AAB18669;

XX 22-JAN-2001 (first entry)
DT Amino acid sequence of a human PRO320 polypeptide.
DE Fibulin homologue; PRO320; PRO938; PRO1031; PRO296; PRO1330;
XX PRO1449; angiogenesis; cardiovascularisation; cardiovascular disorder;
KW endothelial disorder; angiogenic disorder; cancer; trauma; wound;
KW atherosclerosis; cardiac hypertrophy.
XX Homo sapiens.
OS
XX Key Location/Qualifiers
FH Peptide 1..21
FT /note= "signal sequence"
FT Modified-site 18..24
FT /note= "N-myristoylation site"
FT Modified-site 21..27
FT /note= "N-myristoylation site"
FT Modified-site 30..36
FT /note= "N-myristoylation site"
FT Modified-site 44..50
FT /note= "N-myristoylation site"
FT Modified-site 54..58
FT /note= "CAMP- and cGMP-dependent protein kinase
phosphorylation site"
FT Modified-site 59..65
FT /note= "N-myristoylation site"
FT Modified-site 68..74
FT /note= "N-myristoylation site"
FT Region 80..92
FT /note= "EGF-like domain cysteine pattern signatu"
FT Modified-site 109..121
FT /note= "aspartic acid and asparagine hydroxylation site"
FT Modified-site 114..120
FT /note= "N-myristoylation site"
FT Modified-site 191..203
FT /note= "aspartic acid and asparagine hydroxylation site"
FT Modified-site 196..202
FT /note= "N-myristoylation site"
FT Modified-site 236..248
FT /note= "aspartic acid and asparagine hydroxylation site"
FT Modified-site 241..247
FT /note= "N-myristoylation site"
FT Modified-site 255..261
FT /note= "N-myristoylation site"
FT Modified-site 326..332
FT /note= "N-myristoylation site"
FT Modified-site 330..336
FT /note= "N-myristoylation site"
FT Modified-site 330..334
FT /note= "amidation site"
XX WO200053752-A2.
XX 14-SEP-2000.
XX 30-DEC-1999; 99WO-US031274.
XX 08-MAR-1999; 99WO-US005028.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 02-DEC-1999; 99WO-US028565.
XX (GETH) GENENTECH INC.
XX Baker KP, Ferrara N, Goddard A, Gurney AL, Hillan KJ;
PI Williams PM, Wood WI;
XX WPI; 2000-638138/61.
DR N-ESDB; AAA75686.

XX A composition useful for treatment and diagnosis of a cardiovascular,
PT endothelial or angiogenic disorder, especially cancer, comprises (an
PT agonist or antagonist of) a PRO320, PRO320, PRO320, PRO320, PRO320, PRO320,
PT PRO320 or PRO1449 polypeptide.
XX
XX
XX Claim 67; Fig 2; 152pp; English.
XX
XX The present sequence represents PRO320, a fibulin homologue. The
CC specification describes PRO320, PRO320, PRO320, PRO320, PRO320, PRO320,
CC and PRO1449 polypeptides. The polypeptides promote or inhibit
CC angiogenesis and cardiovascularisation in mammals. The polypeptides are
CC used for the treatment and diagnosis of a cardiovascular, endothelial or
CC angiogenic disorder, especially cancer. Disorders that can be diagnosed,
CC treated or prevented by the polypeptides of the invention include trauma
CC such as wounds, arteriosclerosis, and cardiac hypertrophy
XX
XX Sequence 338 AA;
SQ

Query Match 100.0%; Score 1931; DB 3; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPSLALPILLSVAGGFGNASARHGLLASARQPGVCHYGTKLACCYGWRNSKV 60
DB 1 MFLPSLALPILLSVAGGFGNASARHGLLASARQPGVCHYGTKLACCYGWRNSKV 60

QY 61 CSATCEPGCKFGECVGNPKRCFFPGYTKTCSQDVNECGMKPRPCOHRVNTGSKYKFC 120
DB 61 CSATCEPGCKFGECVGNPKRCFFPGYTKTCSQDVNECGMKPRPCOHRVNTGSKYKFC 120

QY 121 LSGHMLPDCVNSRTAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDLDDIDECAS 180
DB 121 LSGHMLPDCVNSRTAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDLDDIDECAS 180

QY 181 GKVPCYNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMSHTCSHANCFTQ 240
DB 181 GKVPCYNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMSHTCSHANCFTQ 240

QY 241 GSFCKCKQYKNGLRCSAIPENSVEVLRAPTIKDRIKLLAHKNSKKKAKIKNT 300
DB 241 GSFCKCKQYKNGLRCSAIPENSVEVLRAPTIKDRIKLLAHKNSKKKAKIKNT 300

QY 301 PEPTPTPTKVNLPFNTEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTKVNLPFNTEEIVSRGNSHGKKGNEEK 338

RESULT 5
AB025204
ID AB025204 standard; protein; 338 AA.
XX
XX AC AB025204;
XX
XX DT 09-SEP-2003 (first entry)
XX
XX DE Novel human secreted and transmembrane protein PRO320.
XX
XX KW Human; secreted and transmembrane protein; PRO; virucide; gene therapy;
XX cell death; growth induction cascade; blood coagulation cascade;
XX viral infection.
XX
XX OS Homo sapiens.
XX
XX PN US2003050239-A1.
XX
XX PD 13-MAR-2003.
XX
XX PF 15-OCT-2001; 2001US-00978191.
XX
XX PR 17-OCT-1997; 97US-0062250P.
XX 03-NOV-1997; 97US-0064249P.
XX 13-NOV-1997; 97US-0065311P.

PR 21-NOV-1997; 97US-0065364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081953P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0083796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083322P.
PR 28-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.

KW antidiabetic; gene therapy; inflammatory disease; organ failure;
KW atherosclerosis; cardiac injury; infertility; birth defect;
KW premature aging; AIDS; cancer; diabetic complication; chromosome mapping;
KW gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;
KW tissue typing.

XX Homo sapiens.

XX US2002192706-A1.

XX 19-DEC-2002.

XX 24-OCT-2001; 2001US-00999832.

XX 17-OCT-1997; 97US-0062250P.

XX 03-NOV-1997; 97US-0064249P.

XX 13-NOV-1997; 97US-0065311P.

XX 21-NOV-1997; 97US-0066364P.

XX 10-MAR-1998; 98US-0077450P.

XX 11-MAR-1998; 98US-0077632P.

XX 11-MAR-1998; 98US-0077641P.

XX 11-MAR-1998; 98US-0077649P.

XX 13-MAR-1998; 98US-0077791P.

XX 13-MAR-1998; 98US-0078004P.

XX 17-MAR-1998; 98US-00040220.

XX 20-MAR-1998; 98US-0078886P.

XX 20-MAR-1998; 98US-0078910P.

XX 20-MAR-1998; 98US-0078936P.

XX 20-MAR-1998; 98US-0078939P.

XX 23-MAR-1998; 98US-0079294P.

XX 26-MAR-1998; 98US-0079656P.

XX 27-MAR-1998; 98US-0079663P.

XX 27-MAR-1998; 98US-0079664P.

XX 27-MAR-1998; 98US-0079689P.

XX 27-MAR-1998; 98US-0079728P.

XX 27-MAR-1998; 98US-0079786P.

XX 30-MAR-1998; 98US-0079920P.

XX 30-MAR-1998; 98US-0079923P.

XX 31-MAR-1998; 98US-0080105P.

XX 31-MAR-1998; 98US-0080107P.

XX 31-MAR-1998; 98US-0080165P.

XX 31-MAR-1998; 98US-0080194P.

XX 01-APR-1998; 98US-0080327P.

XX 01-APR-1998; 98US-0080328P.

XX 01-APR-1998; 98US-0080333P.

XX 01-APR-1998; 98US-0080334P.

XX 08-APR-1998; 98US-0081049P.

XX 08-APR-1998; 98US-0081070P.

XX 08-APR-1998; 98US-0081071P.

XX 09-APR-1998; 98US-0081195P.

XX 09-APR-1998; 98US-0081203P.

XX 09-APR-1998; 98US-0081203P.

XX 09-APR-1998; 98US-0081229P.

XX 15-APR-1998; 98US-0081817P.

XX 15-APR-1998; 98US-0081819P.

XX 15-APR-1998; 98US-0081838P.

XX 15-APR-1998; 98US-0081952P.

XX 15-APR-1998; 98US-0081955P.

XX 21-APR-1998; 98US-0082568P.

XX 21-APR-1998; 98US-0082569P.

XX 22-APR-1998; 98US-0082700P.

XX 22-APR-1998; 98US-0082704P.

XX 22-APR-1998; 98US-0082797P.

XX 22-APR-1998; 98US-0082804P.

XX 23-APR-1998; 98US-0082796P.

XX 07-OCT-1998; 98WO-US021141.

XX 20-NOV-1998; 98WO-US024855.

XX 05-JAN-1999; 99WO-US000106.

XX 08-MAR-1999; 99WO-US005028.

XX 10-MAR-1999; 99WO-US005190.

XX 14-MAY-1999; 99WO-US010733.

XX 02-JUN-1999; 99WO-US012252.

XX 30-NOV-1999; 99WO-US028313.

XX 02-DEC-1999; 99WO-US028551.

PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 05-JAN-2000; 2000WO-US000277.
PR 05-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 28-JUN-2001; 2001WO-US021066.
PR 03-JUL-2001; 2001WO-US021735.

XX (GETH) GENENTECH INC.

XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen MB;
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
XX Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PW, Wood WI;

XX WPI; 2003-328860/31.

XX N-PSDB; ACA63559.

XX New secreted and transmembrane nucleic acids and polypeptides, designated
as PRO, useful for treating inflammation, organ failure, atherosclerosis,
cardiac injury, infertility, birth defects, premature aging, AIDS, or
cancer.

XX Claim 12; Fig 45; 453pp; English.

XX The invention describes an isolated nucleic acid (I) comprising, or which
is at least 80 % sequence identity to, or the full-length coding sequence
of, any of 118 300-2100 nucleotide sequences, which encodes its
corresponding PRO polypeptide selected from 118 100-700 amino acid
sequences, all given in the specification. The nucleic acids and
polypeptides are useful for treating inflammatory diseases, organ
failure, atherosclerosis, cardiac injury, infertility, birth defects,
premature aging, AIDS, cancer, or diabetic complications. The nucleic
acids are useful as hybridisation probes, in chromosome and gene mapping,
and in generating antisense RNA or DNA. The polypeptides are useful as
pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful
in tissue typing. This is the amino acid sequence of a novel human
secreted and transmembrane PRO polypeptide

XX Sequence 338 AA;

Query Match 100.0%; Score 1931; DB 6; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSIALPLLSVAGGFGNAAARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

Db 1 MPLPWSIALPLLSVAGGFGNAAARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

Qy 61 CEATCEPGCKFGCEVGNPKRCFCFPGYGTGKTCSDVNECGMKRPPCQHRVCNTHGSKYKFC 120

Db 61 CEATCEPGCKFGECVGNKRCFCFGYTGKTCSDQWNEGCKPRCQHRCVNTHGSKYKFC 120
QY 121 LSGHMLPDTATVNSHTCAMINCOYSCDTEGPOCLPSSGLRLAPNGRDCIDIDECA 180
Db 121 LSGHMLPDTATVNSHTCAMINCOYSCDTEGPOCLPSSGLRLAPNGRDCIDIDECA 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMSHTCSHANGFN 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMSHTCSHANGFN 240
QY 241 GSPKCKGKGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLAHNSMKKAKIKNT 300
Db 241 GSPKCKGKGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLAHNSMKKAKIKNT 300
QY 301 PEPTRPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
RESULT 7
ID ABUS4890 standard; protein; 338 AA.
XX AC ABUS4890;
XX DT 12-AUG-2003 (first entry)
XX DE Human secreted and transmembrane polypeptide PRO320.
XX KW Human; thrombolytic agent; interferon; interleukin; cytokine;
KW erythropoietin; colony stimulating factor; cancer; colorectal carcinoma;
KW apoptosis related condition; AIDS; amyotrophic lateral sclerosis;
KW inflammatory disease; asthma; atherosclerosis; neurodegenerative disease;
KW gastrointestinal disorder; Alzheimer's disease; Parkinson's disease;
KW hypertension; myocardial ischemia; kidney disease; carcinogenesis;
KW glomerulonephritis; lung disease; pulmonary hypertension; pre-eclampsia;
KW bronchial asthma; gastric ulcer; renal failure; cardiovascular disease;
KW inflammatory bowel disease; reproductive disorder; premature labour.
OS Homo sapiens.
XX US2002177553-A1.
XX 28-NOV-2002.
XX 15-OCT-2001; 2001US-00978192.
XX 17-OCT-1997; 97US-0062250P.
XX 03-NOV-1997; 97US-0064249P.
XX 13-NOV-1997; 97US-0065311P.
XX 21-NOV-1997; 97US-0066364P.
XX 10-MAR-1998; 98US-0077450P.
XX 11-MAR-1998; 98US-0077632P.
XX 11-MAR-1998; 98US-0077641P.
XX 11-MAR-1998; 98US-0077649P.
XX 12-MAR-1998; 98US-0077751P.
XX 13-MAR-1998; 98US-0078004P.
XX 17-MAR-1998; 98US-00040220.
XX 20-MAR-1998; 98US-0078866P.
XX 20-MAR-1998; 98US-00789310P.
XX 20-MAR-1998; 98US-0078936P.
XX 20-MAR-1998; 98US-0078939P.
XX 25-MAR-1998; 98US-0079294P.
XX 26-MAR-1998; 98US-0079566P.
XX 27-MAR-1998; 98US-0079663P.
XX 27-MAR-1998; 98US-0079664P.
XX 27-MAR-1998; 98US-0079689P.
XX 27-MAR-1998; 98US-0079728P.
XX 27-MAR-1998; 98US-0079786P.
XX 30-MAR-1998; 98US-0079920P.
XX 30-MAR-1998; 98US-0079923P.
XX 26-JUN-1998; 98US-00105413.

PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98US-0021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 05-JAN-1999; 99US-00000106.
PR 08-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99US-0005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99US-0005190.
PR 12-MAR-1999; 99US-00287213.
PR 12-APR-1999; 99US-00284291.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-00010733.
PR 02-JUN-1999; 99US-00012252.
PR 25-AUG-1999; 99US-00380137.
PR 25-AUG-1999; 99US-00380138.
PR 25-AUG-1999; 99US-00380142.
PR 30-NOV-1999; 99US-00283113.
PR 02-DEC-1999; 99US-0028551.
PR 02-DEC-1999; 99US-0028551.
PR 16-DEC-1999; 99US-0028565.
PR 30-DEC-1999; 99US-0031243.
PR 30-DEC-1999; 99US-0031274.
PR 05-JAN-2000; 2000US-0000219.
PR 06-JAN-2000; 2000US-0000277.
PR 06-JAN-2000; 2000US-0000376.
PR 11-FEB-2000; 2000US-0003565.
PR 18-FEB-2000; 2000US-0004341.
PR 24-FEB-2000; 2000US-0005004.
PR 02-MAR-2000; 2000US-0005841.
PR 10-MAR-2000; 2000US-0006319.
PR 21-MAR-2000; 2000US-0007532.
PR 30-MAR-2000; 2000US-0008439.
PR 17-MAY-2000; 2000US-0013705.
PR 22-MAY-2000; 2000US-0014042.
PR 30-MAY-2000; 2000US-0014941.
PR 02-JUN-2000; 2000US-0015264.
PR 28-JUL-2000; 2000US-0020710.
PR 24-AUG-2000; 2000US-0023328.
PR 08-NOV-2000; 2000US-0070938.
PR 27-NOV-2000; 2000US-0072379.
PR 01-DEC-2000; 2000US-0032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000US-0034956.
PR 28-FEB-2001; 2000US-0006520.
PR 22-MAR-2001; 2001US-00815744.
PR 22-MAR-2001; 2001US-00815920.
PR 10-MAY-2001; 2001US-0009552.
PR 10-MAY-2001; 2001US-00854208.
PR 25-MAY-2001; 2001US-00854280.
PR 01-JUN-2001; 2001US-0017092.
PR 01-JUN-2001; 2001US-00872035.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00896342.
PR 20-JUN-2001; 2001US-00919692.
PR 09-JUL-2001; 2001US-0021066.
PR 30-JUL-2001; 2001US-0021735.
PR 30-JUL-2001; 2001US-00918585.

(GETH) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI XlJavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-328499/31.

DR N-PSDB; ACA71723.

XX New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, for use as

PT pharmaceuticals, diagnostics, biosensors and bioreactors, for identifying

PT modulators of receptor-ligand interactions.

PS Claim 12; SEQ ID NO 119; 55pp; English.

XX The invention relates to an isolated secreted and transmembrane

CC polypeptide, designated as PRO polypeptide. The PRO polypeptide is useful

CC in PRO polypeptide detection methods. The PRO polypeptide is useful for

CC linking a bioactive molecule to a cell. The PRO polypeptide or an

CC antibody against it is useful for modulating a biological activity of a

CC cell. The PRO polypeptide is useful in industrial applications including

CC pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO

CC polypeptide is also useful as a thrombolytic agent, interferon,

CC interleukin, erythropoietin, colony stimulating factor and other

CC cytokines. The PRO polypeptide is useful for treating conditions such as

CC cancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS,

CC amyotrophic lateral sclerosis; inflammatory disease e.g. asthma,

CC atherosclerosis; neurodegenerative disease e.g. Alzheimer's disease,

CC Parkinson's disease; cardiovascular disease e.g. hypertension and

CC myocardial ischaemia; kidney disease e.g. renal failure and

CC glomerulonephritis; lung disease e.g. pulmonary hypertension, bronchial

CC asthma; gastrointestinal disorders e.g. gastric ulcer and inflammatory

CC bowel disease; reproductive disorders e.g. premature labour and

CC pre-eclampsia; carcinogenesis. The present sequence represents the amino

CC acid sequence of a PRO polypeptide of the invention. Note: The sequence

CC data for this patent did not form part of the printed specification but

CC was obtained in electronic format directly from USPTO at

CC seqdata.uspto.gov/sequence.html?DocID=20020177553

XX Sequence 338 AA;

QY Query Match 100.0%; Score 1931; DB 6; Length 338;

Best Local Similarity 100.0%; Pred. No. 3.6e-131; Indels 0; Gaps 0;

Matches 338; Conservative 0; Mismatches 0;

QY 1 MFLPWSLALPLLLSWVAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

DB 1 MFLPWSLALPLLLSWVAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGKCGECVGNKRCFPYGTGTCSDYNEGCMKPRPCQHRVCVNTGSKYKFC 120

DB 61 CEATCEPGKCGECVGNKRCFPYGTGTCSDYNEGCMKPRPCQHRVCVNTGSKYKFC 120

QY 121 LSGHMLPDPATCVNSRTCAVINCQYSCDTERGPGQLCPSSGLRLAPNGRCDLIDECAS 180

DB 121 LSGHMLPDPATCVNSRTCAVINCQYSCDTERGPGQLCPSSGLRLAPNGRCDLIDECAS 180

QY 181 GKVICPNRRVCNTFGSYCKCHIGFELYISGRYDCIDINECTWDSHTCSHANCFTQ 240

DB 181 GKVICPNRRVCNTFGSYCKCHIGFELYISGRYDCIDINECTWDSHTCSHANCFTQ 240

QY 241 GSPKCKCKQYKGNLRCSAIPENSVEVLRAFGYIKRIKLLAHKNSMKKAKIKNVT 300

DB 241 GSPKCKCKQYKGNLRCSAIPENSVEVLRAFGYIKRIKLLAHKNSMKKAKIKNVT 300

QY 301 PETRTPTPKVNLQPNFYBEIVSRGNSHGKKGNEEK 338

DB 301 PETRTPTPKVNLQPNFYBEIVSRGNSHGKKGNEEK 338

RESULT 8

ABU61088

ID ABU61088 standard; protein; 338 AA.

XX AC ABU61088;

XX DT 08-MAY-2003 (first entry)

XX DE Human PRO320 polypeptide.

XX

KW Human; PRO polypeptide; secreted and transmembrane protein;

KW immune disorder; diabetes; hyper-insulinaemia; hypo-insulinaemia;

KW cardiac insufficiency; nervous system disorder; kidney disorder;

KW bone disorder; cartilage disorder; arthritis; tumour; wound healing;

KW genetic disorder; cytostatic; antidiabetic; antiinflammatory;

KW antiarthritic; anti-tumour; vulnery; antianaemic; dermatological;

KW cardiant.

XX Homo sapiens.

XX US2002169284-A1.

XX 14-NOV-2002.

XX 16-OCT-2001; 2001US-00978697.

XX 26-MAY-1981; 81US-00267213.

XX 17-OCT-1997; 97US-0062250P.

XX 03-NOV-1997; 97US-0064249P.

XX 13-NOV-1997; 97US-0065311P.

XX 21-NOV-1997; 97US-0066364P.

XX 10-MAR-1998; 98US-0077450P.

XX 11-MAR-1998; 98US-0077632P.

XX 11-MAR-1998; 98US-0077641P.

XX 11-MAR-1998; 98US-0077649P.

XX 12-MAR-1998; 98US-0077791P.

XX 13-MAR-1998; 98US-0078004P.

XX 17-MAR-1998; 98US-00040220.

XX 20-MAR-1998; 98US-0078886P.

XX 20-MAR-1998; 98US-0078910P.

XX 20-MAR-1998; 98US-0078936P.

XX 20-MAR-1998; 98US-0079294P.

XX 25-MAR-1998; 98US-0079393P.

XX 26-MAR-1998; 98US-0079656P.

XX 27-MAR-1998; 98US-0079663P.

XX 27-MAR-1998; 98US-0079664P.

XX 27-MAR-1998; 98US-0079683P.

XX 27-MAR-1998; 98US-0079728P.

XX 27-MAR-1998; 98US-0079786P.

XX 30-MAR-1998; 98US-0079920P.

XX 30-MAR-1998; 98US-0079923P.

XX 26-JUN-1998; 98US-00105413.

XX 07-OCT-1998; 98US-00168978.

XX 07-OCT-1998; 98US-0021141.

XX 02-NOV-1998; 98US-00184216.

XX 06-NOV-1998; 98US-00187368.

XX 20-NOV-1998; 98US-0024855.

XX 07-DEC-1998; 98US-00202054.

XX 22-DEC-1998; 98US-00218517.

XX 05-JAN-1999; 99US-0000106.

XX 05-MAR-1999; 99US-00254465.

XX 08-MAR-1999; 99US-00050028.

XX 10-MAR-1999; 99US-00265686.

XX 10-MAR-1999; 99US-0005190.

XX 12-APR-1999; 99US-00284291.

XX 14-MAY-1999; 99US-00311832.

XX 14-MAY-1999; 99US-0010733.

XX 02-JUN-1999; 99US-0012252.

XX 25-AUG-1999; 99US-00380157.

XX 25-AUG-1999; 99US-00380138.

XX 25-AUG-1999; 99US-00380142.

XX 30-NOV-1999; 99US-0028313.

XX 02-DEC-1999; 99US-0028551.

XX 02-DEC-1999; 99US-0028565.

XX 16-DEC-1999; 99US-0030095.

XX 30-DEC-1999; 99US-0031243.

XX 30-DEC-1999; 99US-0031274.

XX 05-JAN-2000; 2000US-0000219.

XX 06-JAN-2000; 2000US-0000277.

XX 06-JAN-2000; 2000US-000376.

XX 11-FEB-2000; 2000US-003565.

XX 18-FEB-2000; 2000US-004341.

XX 24-FEB-2000; 2000US-005004.

02-MAR-2000; 2000WO-US005841.
10-MAR-2000; 2000WO-US006319.
21-MAR-2000; 2000WO-US007532.
30-MAR-2000; 2000WO-US008439.
17-MAY-2000; 2000WO-US013705.
22-MAY-2000; 2000WO-US014042.
30-MAY-2000; 2000WO-US014941.
02-JUN-2000; 2000WO-US020710.
28-JUL-2000; 2000WO-US023328.
24-AUG-2000; 2000US-00709238.
08-NOV-2000; 2000US-00723749.
01-DEC-2000; 2000WO-US032678.
20-DEC-2000; 2000US-00747259.
20-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001WO-US006520.
22-MAR-2001; 2001US-00816744.
22-MAR-2001; 2001US-00816920.
22-MAR-2001; 2001WO-US009552.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001WO-US017092.
25-MAY-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019652.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
30-JUL-2001; 2001US-00918585.

(GETH) GENENTECH INC.

Ashtkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton D;
Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
Klavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy WA, Shelton DL;
Stewart TA, Tumas D, Williams PW, Wood WI;

WPI: 2003-288163/28.
N-PSDB; AEX92363.

Novel secreted and transmembrane polypeptides and polynucleotides
encoding them useful for treating cancer, kidney diseases, bone,
cartilage disorders and immune deficiencies.

Claim 12; Fig 45; 459pp; English.

The present invention relates to the isolation of novel human PRO
polypeptides, and the polynucleotide sequences encoding them. The PRO
polypeptides are secreted and transmembrane proteins. The PRO
polypeptides are useful for detecting other PRO polypeptides, for linking
bioactive molecules to cells expressing PRO polypeptides, and for
biological activities of cells expressing PRO polypeptides, and for
identifying agonists or antagonists. The bioactive molecule may be a
toxin, radiolabel or antibody, and causes apoptosis or death of the cell.
The PRO polypeptides are useful for treating immune disorders, diabetes
or hyper- or hypo-insulinaemia, cardiac insufficiency, nervous system
disorders, kidney disorders, bone and cartilage disorders or arthritis,
tumours, and wound healing. The polynucleotide sequences encoding PRO
polypeptides are useful as hybridisation probes, in chromosome and gene
mapping, in the generation of antisense RNA and DNA, in the preparation
of PRO polypeptides, for generating transgenic animals or knockout
animals, for the genetic analysis of individuals with genetic disorders,
and in gene therapy. ABU61071-ABU61164 represent the human PRO
polypeptides of the invention. Note: The sequence data for this patent
was obtained in electronic format directly from the USPTO web site at
seqdata.uspto.gov/psipdbEntry.html

Sequence 338 AA;

Query Match 100.0%; Score 1931; DB 6; Length 338;

Best Local Similarity 100.0%; Pred. No. 3 6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLLSWVAGGFGNAASARHGLLASAROPGVCHYGTKLACCYGHRNSKGV 60
DB 1 MFLPWSLALPLLLSWVAGGFGNAASARHGLLASAROPGVCHYGTKLACCYGHRNSKGV 60
QY 61 CEATCEPGCKFGECYGNPKRCFPQYTGKTCSDQVNEGCKMPCQHRVCVNTGHSYKCF 120
DB 61 CEATCEPGCKFGECYGNPKRCFPQYTGKTCSDQVNEGCKMPCQHRVCVNTGHSYKCF 120
QY 121 LSGHMLMPDTCVNSRTCAVINCOYSCEDTEGPOCLCFSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDTCVNSRTCAVINCOYSCEDTEGPOCLCFSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPYNRRCVNTGHSYKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTNQ 240
DB 181 GKVICPYNRRCVNTGHSYKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTNQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMCKKAKIKNVT 300
DB 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMCKKAKIKNVT 300
QY 301 PEPTRTPPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 9

ABU80357
ID ABU80357 standard; protein; 338 AA.

XX AC ABU80357;

XX DT 24-JUN-2003 (first entry)

XX DE Human secreted/transmembrane protein PRO320.

XX KW Human; secreted protein; transmembrane protein; PRO; malignancy; cancer;
ovarian cancer; colorectal cancer; sarcoma; leukaemia; lymphoma;
inflammatory disease; necrosis; atherosclerosis; infertility;
premature aging; psoriasis; inflammatory disease; renal disease;
arthritis; immune-mediated alopecia; stroke; encephalitis; hepatitis;
multiple sclerosis; gene therapy.

XX OS Homo sapiens.

XX PN US2003004102-A1.

XX PD 02-JAN-2003.

XX PF 15-OCT-2001; 2001US-00978189.

XX PR 17-OCT-1997; 97US-0062250P.

XX PR 03-NOV-1997; 97US-0064249P.

XX PR 13-NOV-1997; 97US-0065311P.

XX PR 21-NOV-1997; 97US-0066364P.

XX PR 10-MAR-1998; 98US-0077450P.

XX PR 11-MAR-1998; 98US-0077632P.

XX PR 11-MAR-1998; 98US-0077641P.

XX PR 12-MAR-1998; 98US-0077791P.

XX PR 13-MAR-1998; 98US-0078004P.

XX PR 17-MAR-1998; 98US-00840220.

XX PR 20-MAR-1998; 98US-0078886P.

XX PR 20-MAR-1998; 98US-0078910P.

XX PR 20-MAR-1998; 98US-0078936P.

XX PR 20-MAR-1998; 98US-0078939P.

XX PR 25-MAR-1998; 98US-0079294P.

XX PR 26-MAR-1998; 98US-0079656P.

XX PR 27-MAR-1998; 98US-0079663P.

XX PR 27-MAR-1998; 98US-0079664P.

XX PR 27-MAR-1998; 98US-0079689P.

PR 27-MAR-1998; 98US-0079728P.
 PR 27-MAR-1998; 98US-0079786P.
 PR 30-MAR-1998; 98US-0079920P.
 PR 30-MAR-1998; 98US-0079923P.
 PR 28-JUN-1998; 98US-00105413.
 PR 28-JUN-1998; 98US-00168978.
 PR 07-OCT-1998; 98US-00168978.
 PR 02-NOV-1998; 98US-0021141.
 PR 06-NOV-1998; 98US-00184216.
 PR 06-NOV-1998; 98US-00187368.
 PR 20-NOV-1998; 98US-00204855.
 PR 07-DEC-1998; 98US-00202054.
 PR 22-DEC-1998; 98US-00218517.
 PR 05-JAN-1999; 99US-0000106.
 PR 05-MAR-1999; 99US-00254465.
 PR 08-MAR-1999; 99US-0005028.
 PR 10-MAR-1999; 99US-0025686.
 PR 10-MAR-1999; 99US-0005190.
 PR 12-MAR-1999; 99US-00267213.
 PR 12-APR-1999; 99US-00284291.
 PR 14-MAY-1999; 99US-00311832.
 PR 14-MAY-1999; 99US-00311832.
 PR 14-MAY-1999; 99US-00311832.
 PR 02-JUN-1999; 99US-00311832.
 PR 25-AUG-1999; 99US-00380137.
 PR 25-AUG-1999; 99US-00380138.
 PR 25-AUG-1999; 99US-00380142.
 PR 30-NOV-1999; 99US-00283113.
 PR 02-DEC-1999; 99US-0028551.
 PR 02-DEC-1999; 99US-0028551.
 PR 16-DEC-1999; 99US-0028551.
 PR 30-DEC-1999; 99US-0031245.
 PR 30-DEC-1999; 99US-0031245.
 PR 05-JAN-2000; 2000US-0000219.
 PR 05-JAN-2000; 2000US-0000277.
 PR 06-JAN-2000; 2000US-0000376.
 PR 11-FEB-2000; 2000US-0003565.
 PR 18-FEB-2000; 2000US-0004341.
 PR 24-FEB-2000; 2000US-0005004.
 PR 01-MAR-2000; 2000US-0005601.
 PR 02-MAR-2000; 2000US-0005841.
 PR 10-MAR-2000; 2000US-0006319.
 PR 21-MAR-2000; 2000US-0007532.
 PR 30-MAR-2000; 2000US-0008439.
 PR 17-MAY-2000; 2000US-0013705.
 PR 22-MAY-2000; 2000US-0013705.
 PR 30-MAY-2000; 2000US-0014941.
 PR 02-JUN-2000; 2000US-0015264.
 PR 28-JUL-2000; 2000US-0020710.
 PR 04-AUG-2000; 2000US-0023328.
 PR 08-NOV-2000; 2000US-00709238.
 PR 10-NOV-2000; 2000US-0030873.
 PR 27-NOV-2000; 2000US-00723749.
 PR 01-DEC-2000; 2000US-0032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000US-0034956.
 PR 28-FEB-2001; 2001US-0006520.
 PR 22-MAR-2001; 2001US-00816744.
 PR 22-MAR-2001; 2001US-00816920.
 PR 22-MAR-2001; 2001US-0089552.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854208.
 PR 25-MAY-2001; 2001US-00854280.
 PR 01-JUN-2001; 2001US-00871092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001US-00886342.
 PR 29-JUN-2001; 2001US-00886342.
 PR 09-JUL-2001; 2001US-0021066.
 PR 30-JUL-2001; 2001US-0021735.
 PR 30-JUL-2001; 2001US-00918585.

(GETH) GENENTECH INC.

PA

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 PI Ferrera N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WI;
 XX WPI; 2003-341189/32.
 DR N-PSDB; ACA66104.
 DR
 XX
 PT New genes and secreted and transmembrane polypeptides (e.g. PRO337 or
 PT PRO1559), useful for treating or diagnosing e.g. cancers,
 PT atherosclerosis, infertility, stroke, encephalitis, hepatitis or multiple
 PT sclerosis in mammals.
 XX
 PS Claim 12; Fig 45; 460pp; English.
 CC The invention relates to a new isolated nucleic acid molecule comprising a
 CC sequence with at least 80% identity to: (a) a nucleotide encoding any of
 CC 94 PRO polypeptides whose sequences are fully defined in the
 CC specification; or (b) any of 94 nucleotide sequences fully defined in the
 CC specification; or the full length coding sequence of any these 94
 CC nucleotide sequences. Also included are an isolated PRO polypeptide
 CC scoring at least 80% positives when compared to any of the PRO
 CC polypeptide sequences cited above (or an isolated PRO polypeptide having
 CC at least 80% amino acid sequence identity to: (a) an amino acid sequence
 CC encoded by the nucleotide deposited with ATCC numbers listed in the
 CC specification; (b) the PRO polypeptide, lacking its associated signal
 CC peptide; or (c) an extracellular domain of the PRO polypeptide, with or
 CC lacking its associated signal peptide) a vector comprising the nucleic
 CC acid molecule, a host cell comprising the vector (and producing a PRO
 CC polypeptide), a chimeric molecule comprising the PRO polypeptide fused
 CC to a heterologous amino acid sequence and an anti-PRO antibody. The PRO
 CC polypeptides or polynucleotides are useful as pharmaceuticals,
 CC diagnostics, biosensors or bioreactors. These are particularly useful for
 CC detecting or treating e.g. malignancies or cancers (e.g. ovarian cancer,
 CC colorectal cancer, sarcoma, leukaemia or lymphoma), inflammatory disease,
 CC necrosis, atherosclerosis, infertility, premature aging, psoriasis,
 CC inflammatory disease, renal disease, arthritis, immune-mediated alopecia,
 CC stroke, encephalitis, hepatitis, or multiple sclerosis in mammals. The
 CC PRO polypeptides are useful in drug screening, particularly as targets
 CC for therapeutic intervention in these diseases, and in the diagnostic
 CC determination of the presence of these diseases. The PRO polypeptides are
 CC also useful as molecular weight markers, or for chromosome
 CC identification. The PRO genes are useful as hybridisation probes, or for
 CC screening libraries of human cDNA, genomic DNA or mRNA. The PRO genes may
 CC also be used in gene therapy, particularly for replacing a defective
 CC gene. The present sequence represents a PRO polypeptide
 XX
 SQ Sequence 338 AA;

Query Match 100.0%; Score 1931; DB 6; Length 338;
 Best Local Similarity 100.0%; Pred. No. 3.6e-131;
 Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MFLPMSLALPLLSWVAGFGNAAARHGLASARQPGVCHYGTKLACCYGWRNSKV 60
 DB 1 MFLPMSLALPLLSWVAGFGNAAARHGLASARQPGVCHYGTKLACCYGWRNSKV 60
 QY 61 CEATCEPGCKGECYGNKRCFCYGTCTCSQDVNEGCKPFCQHRVCYNTHGSKYKFC 120
 DB 61 CEATCEPGCKGECYGNKRCFCYGTCTCSQDVNEGCKPFCQHRVCYNTHGSKYKFC 120
 QY 121 LSGHMLMPDVCNSRTCAMINCYSCEDTEEGPQCLPSSGLRLAPNGRDLIDECAS 180
 DB 121 LSGHMLMPDVCNSRTCAMINCYSCEDTEEGPQCLPSSGLRLAPNGRDLIDECAS 180
 QY 181 GKVICPNRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCNTQ 240
 DB 181 GKVICPNRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCNTQ 240
 QY 241 GSPFKCKCKQYKNGKLRCSAIPENSVEVLRAPTGTTKDIRIKKLLAHKNSMKKKAKIKNT 300
 DB 241 GSPFKCKCKQYKNGKLRCSAIPENSVEVLRAPTGTTKDIRIKKLLAHKNSMKKKAKIKNT 300

QY 301 PEPTPTPKVNLQPNVEEIVSRGSHGKKGNEEK 338
DB 301 PEPTPTPKVNLQPNVEEIVSRGSHGKKGNEEK 338
RESULT 10
ID ADA24658
AC ADA24658 standard; protein; 338 AA.
XX XX
XX XX
DT 20-NOV-2003 (first entry)
XX XX
DE Novel human secreted and transmembrane protein PRO320.
XX XX
KW Human; secreted and transmembrane protein; PRO; tissue typing;
KW chromosome identification; vaccine; cancer; retinal disorder;
KW sports-related joint disorder; osteoarthritis; rheumatoid arthritis;
KW wound healing; obesity; diabetes; hearing loss;
KW cardiac insufficiency disorder; kidney disorder; nervous system disorder;
KW haemoglobin associated disorder.
XX XX
OS Homo sapiens.
XX XX
PN US2003050241-A1.
XX XX
PD 13-MAR-2003.
XX XX
PF 16-OCT-2001; 2001US-00978564.
XX XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
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PR 11-MAR-1998; 98US-0077649P.
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PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078886P.
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PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 25-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079729P.
PR 27-MAR-1998; 98US-0079789P.
PR 30-MAR-1998; 98US-0079820P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 01-APR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 08-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
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PR 09-APR-1998; 98US-0081203P.
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PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
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PR 28-APR-1998; 98US-0083322P.
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PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084419P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
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PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
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PR 15-MAY-1998; 98US-0085573P.
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PR 15-MAY-1998; 98US-0085689P.
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PR 18-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086192P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 01-JUL-1998; 98US-0091010P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-0100211P.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98US-0109345P.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 98US-0132877P.
PR 08-MAR-1999; 98US-0134455P.
PR 10-MAR-1999; 98US-0134456P.
PR 12-MAR-1999; 98US-0123957P.
PR 29-MAR-1999; 98US-0126773P.
PR 21-APR-1999; 98US-0130232P.
PR 26-APR-1999; 98US-0131022P.
PR 18-MAY-1999; 98US-0131445P.
PR 14-MAY-1999; 98US-0134287P.
PR 02-JUN-1999; 98US-0140733P.
PR 16-JUN-1999; 98US-0139557P.
PR 23-JUN-1999; 98US-0141037P.
PR 07-JUL-1999; 98US-0142680P.
PR 26-JUL-1999; 98US-0145698P.

PR	28-JUL-1999;	99US-0146222P.	
PR	29-OCT-1999;	99US-0162506P.	
PR	30-NOV-1999;	99WO-US028313.	
PR	02-DEC-1999;	99WO-US028551.	
PR	02-DEC-1999;	99WO-US028565.	
PR	16-DEC-1999;	99WO-US030095.	
PR	30-DEC-1999;	99WO-US031243.	
PR	05-JAN-2000;	2000WO-US000219.	
PR	06-JAN-2000;	2000WO-US000277.	
PR	08-JAN-2000;	2000WO-US000376.	
PR	11-FEB-2000;	2000WO-US003565.	
PR	18-FEB-2000;	2000WO-US004341.	
PR	24-FEB-2000;	2000WO-US005004.	
PR	02-MAR-2000;	2000WO-US005841.	
PR	11-MAR-2000;	2000WO-US006319.	
PR	21-MAR-2000;	2000WO-US007532.	
PR	30-MAR-2000;	2000WO-US008439.	
PR	17-MAY-2000;	2000WO-US013705.	
PR	22-MAY-2000;	2000WO-US014042.	
PR	30-MAY-2000;	2000WO-US014941.	
PR	02-JUN-2000;	2000WO-US015264.	
PR	28-JUL-2000;	2000WO-US020710.	
PR	24-AUG-2000;	2000WO-US023328.	
PR	01-DEC-2000;	2000WO-US032678.	
PR	20-DEC-2000;	2000WO-US034956.	
PR	28-FEB-2001;	2001WO-US008520.	
PR	22-MAR-2001;	2001WO-US009552.	
PR	25-MAY-2001;	2001WO-US017092.	
PR	01-JUN-2001;	2001WO-US017800.	
PR	20-JUN-2001;	2001WO-US019692.	
PR	29-JUN-2001;	2001WO-US021066.	
PR	09-JUL-2001;	2001WO-US021735.	
PR	30-JUL-2001;	2001WO-US0918585.	
XX		(GETH) GENENTECH INC.	
XX		Askenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;	
XX		Ferrara N, Filyaroff B, Fong S, Gao W, Gerber H, Gertitsen ME;	
PI		Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;	
PI		Kijavir IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;	
PI		Stewart TA, Tumas D, Williams PM, Wood WI;	
XX		WPI; 2003-521814/49.	
DR		N-PSDB; ADA24657.	
DE			
XX			
XX		New isolated PRO polypeptides for example extracellular, secreted and	
PT		membrane bound proteins, useful for modulating the biological activities	
PT		of cells and for treating, for example diabetes, cancer, rheumatoid	
PT		arthritis, and hearing loss.	
XX			
PS		Claim 12; Fig 45; 461pp; English.	
XX			
CC		The invention describes an isolated secreted and transmembrane (PRO)	
CC		polypeptide (I). PRO337 polypeptide is useful for detecting PRO4993	
CC		polypeptide in a sample, and vice versa. PRO725, PRO700 and PRO739 are	
CC		useful for detecting PRO1559 polypeptide in a sample, and PRO1559 is	
CC		useful for detecting PRO725, PRO700 and PRO739 in a sample. PRO4993 is	
CC		useful for linking a bioactive molecule to a cell expressing a PRO337	
CC		polypeptide, and PRO337 is useful for linking a bioactive molecule to a	
CC		cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a	
CC		bioactive molecule to a cell expressing a PRO735, PRO700 and PRO739	
	Query Match	100.0%; Score 1931; DB 6; Length 338;	
	Best Local Similarity	100.0%; Pred.No. 3.6e-131;	
	Matches 338; Conservative	0; Mismatches 0; Indels 0; Gaps 0;	
QY			
DB			
QY			

Db	61	CEATCEPGCKGECVGNPKRCFFGYTGKTCSDQVNECGMKPRPCQHCRCVNTGSKYKFC	120
QY	121	LSGHMLPDAICVNSRTICAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS	180
Db	121	LSGHMLPDAICVNSRTICAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS	180
QY	181	GKVICPYNRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHTSCHANCFNTQ	240
Db	181	GKVICPYNRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHTSCHANCFNTQ	240
QY	241	GSFKCKCKQYKGNLGRCSAIPENSVEKVLRAFGTIKDIRIKKLLAHKNSMKKKAKIKNVT	300
Db	241	GSFKCKCKQYKGNLGRCSAIPENSVEKVLRAFGTIKDIRIKKLLAHKNSMKKKAKIKNVT	300
QY	301	PEPTPTPPKVNLPQFNVEEIVSRGNSHGKKGNEEK	338
Db	301	PEPTPTPPKVNLPQFNVEEIVSRGNSHGKKGNEEK	338
		RESULT 11	
		ABO19659	
ID		ABO19659 standard; protein; 338 AA.	
XX		AC	
XX		ABO19659;	
DT		08-SEP-2003 (first entry)	
XX			
DE		Novel human secreted and transmembrane protein PRO320.	
XX			
KW		Human; secreted and transmembrane protein; PRO; cell death; neuropathy;	
KW		peripheral neuropathy; diabetic peripheral neuropathy;	
KW		AIDS-associated neuropathy; Charcot-Marie-Tooth disease;	
KW		Refsum's disease; Abetalipoproteinemia; Tangier disease;	
KW		Krabbe's disease; Metachromatic leukodystrophy; Fabry's disease;	
KW		Dejerine-Sottas syndrome; chromosome mapping; gene mapping; gene therapy.	
OS		Homo sapiens.	
XX			
PN		US2003050240-A1.	
XX			
PD		13-MAR-2003.	
XX			
PF		16-OCT-2001; 2001US-00978403.	
XX			
PR		17-OCT-1997; 97US-0062250P.	
PR		03-NOV-1997; 97US-0064249P.	
PR		13-NOV-1997; 97US-0065311P.	
PR		21-NOV-1997; 97US-0066364P.	
PR		10-MAR-1998; 98US-0077450P.	
PR		11-MAR-1998; 98US-0077632P.	
PR		11-MAR-1998; 98US-0077641P.	
PR		11-MAR-1998; 98US-0077649P.	
PR		12-MAR-1998; 98US-0077791P.	
PR		13-MAR-1998; 98US-0078004P.	
PR		20-MAR-1998; 98US-0078886P.	
PR		20-MAR-1998; 98US-0078910P.	
PR		20-MAR-1998; 98US-0078936P.	
PR		20-MAR-1998; 98US-0078939P.	
PR		25-MAR-1998; 98US-0079294P.	
PR		26-MAR-1998; 98US-0079566P.	
PR		27-MAR-1998; 98US-0079663P.	
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PR		27-MAR-1998; 98US-0079728P.	
PR		27-MAR-1998; 98US-0079786P.	
PR		30-MAR-1998; 98US-0079920P.	
PR		31-MAR-1998; 98US-0079923P.	
PR		31-MAR-1998; 98US-0080105P.	
PR		31-MAR-1998; 98US-0080107P.	
PR		31-MAR-1998; 98US-0080165P.	
PR		31-MAR-1998; 98US-0080194P.	
PR		01-APR-1998; 98US-0080327P.	
PR		01-APR-1998; 98US-0080328P.	

PR 01-APR-1998; 98US-0080333P.
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 PR 08-APR-1998; 98US-0081049P.
 PR 08-APR-1998; 98US-0081070P.
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 PR 09-APR-1998; 98US-0081105P.
 PR 09-APR-1998; 98US-0081203P.
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 PR 06-MAY-1998; 98US-0084414P.
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 PR 07-OCT-1998; 98WO-US021141.
 PR 20-NOV-1998; 98US-0109304P.
 PR 20-NOV-1998; 98WO-US024855.
 PR 22-DEC-1998; 98US-0113296P.
 PR 23-DEC-1998; 98US-0113621P.
 PR 05-JAN-1999; 98WO-US000106.
 PR 08-MAR-1999; 93WO-US005028.

PR 10-MAR-1999; 99WO-US005190.
 PR 12-MAR-1999; 99US-0123957P.
 PR 29-MAR-1999; 99US-0126773P.
 PR 21-APR-1999; 99US-0130232P.
 PR 26-APR-1999; 99US-0131022P.
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 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 16-JUN-1999; 99US-0139557P.
 PR 23-JUN-1999; 99US-0141037P.
 PR 07-JUL-1999; 99US-0142880P.
 PR 26-JUL-1999; 99US-0146588P.
 PR 28-JUL-1999; 99US-0146222P.
 PR 29-OCT-1999; 99US-0162506P.
 PR 30-NOV-1999; 99WO-US028313.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 10-MAR-2000; 2000WO-US006319.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 22-MAR-2001; 2001WO-US009552.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 30-JUL-2001; 2001US-00918585.

(GETH) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WL;

WPI; 2003-503575/47.

N-FSDB; ACD29705.

Novel secreted and transmembrane polypeptide for modulating biological activity of cell expressing the polypeptide, identifying agonists or antagonists of polypeptide, and as molecular weight markers.

Claim 12; Fig 45; 459pp; English.

The invention describes an isolated, secreted and transmembrane polypeptide, termed PRO polypeptide (I). (I) is useful for detecting PRO4993, PRO337, PRO1559, PRO725, PRO700 or PRO739 polypeptide, and for linking a bioactive molecule to a cell expressing the above polypeptides. The bioactive molecule is a toxin, radiolabel or an antibody and causes cell death. (I) is useful as therapeutic agent, in medical and industrial applications e.g. for treating neuropathy, especially peripheral neuropathy, diabetic peripheral neuropathy, AIDS-associated neuropathy,

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CC Charcot-Marie-Tooth disease, Refusum's disease, Abetalipoproteinemia,
CC Tangier disease, Krabbe's disease, Metachromatic leukodystrophy, Fabry's
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Best Local Similarity 100.0%; Pred. No. 3.6e-131;
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RESULT 12
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ID ADAL12319 standard; protein; 338 AA.
XX AC ADAL12319;
XX DT 06-NOV-2003 (first entry)
XX DE Human secreted/transmembrane polypeptide PRO320.
XX KW inflammatory disease; organ failure; atherosclerosis; cardiac injury;
XX KM infertility; birth defect; premature aging; AIDS; cancer;
XX KW diabetic complication; tissue typing; human.
XX OS Homo sapiens.
XX PN US2003055216-A1.
XX PD 20-MAR-2003.
XX PF 17-OCT-2001; 2001US-00978824.
XX QY 21-MAY-1996; 96US-0018049P.
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PR 29-JUN-2001; 2001US-0021066.
PR 09-JUL-2001; 2001US-0021735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH) GENENTECH INC.
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Query Match 100.0%; Score 1931; DB 6; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131; Indels 0; Gaps 0;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 301 PEPTRTPTKVNLPNVEEIVSRGNSHGKGNNEK 338
RESULT 13
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ID ABO19550 standard; protein; 338 AA.
XX ABO19550;
XX ABO19550;
XX 27-AUG-2003 (first entry)
XX Novel human secreted and transmembrane polypeptide #18.
XX Human; secreted and transmembrane protein; PRO; viral infection;
KW tumour growth; retinal disorder; injury; sight loss;
KW retinitis pigmentosa; age-related macular degeneration;
KW sport-related joint problem; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; wound healing; obesity; diabetes; insulinemia;
KW kidney disorder; mesangial cell function; Berger disease; nephropathy;
KW celiac disease; dermatitis; Crohn disease; neuropathy;
KW cardiac insufficiency disorder; peripheral neuropathy;
KW diabetic peripheral neuropathy; autonomic neuropathy;
KW reduced motility of the gastrointestinal tract;
KW atony of the urinary bladder; post polio syndrome; Krabbe's disease;
KW Charcot-Marie-Tooth disease; Fabry's disease; Tangier disease;
KW Refsum's disease.
XX Homo sapiens.
OS US003049633-A1.
XX US003049633-A1.
XX

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PR 25-MAY-2001; 201WO-US017092.
PR 01-JUN-2001; 201US-00872035.
PR 01-JUN-2001; 201WO-US017800.
PR 05-JUN-2001; 201US-00874503.
PR 14-JUN-2001; 201US-00882636.

Query Match      100.0%; Score 1931; DB 6; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
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Qy 121 LSGHMLMPDATCVNSRTCAINCOYSCEDETEGQCLCPSSGRLAPNGRCLDIDECAS 180
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Qy 181 GKVICPNRNCVNTFGSYCKCHIGFELQVTSGRYDCIDINECTMDSHTCSEHANCFTQ 240
Db 181 GKVICPNRNCVNTFGSYCKCHIGFELQVTSGRYDCIDINECTMDSHTCSEHANCFTQ 240

Qy 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPOTTIKDRIKKLLAHKNSMKKAKIKNT 300
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Qy 301 PEPTPTPTPKVNLQPNFNVETVSRGNSHGKGNEEK 338
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AC ADB73625;
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DT 04-DEC-2003 (first entry)
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DE Human PRO polypeptide #18.
KW Human; PRO polypeptide; secreted protein; transmembrane protein;
KW Cell death; neuropathy; neuropathy related disease;
KW Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;
KW chromosome mapping; gene mapping; genetic disorder; septic shock;
KW antibacterial; immunosuppressive; neuroprotective.
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XX OS Homo sapiens.
XX US2003045462-A1.
XX
XX PD 06-MAR-2003.
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XX PF 16-OCT-2001; 2001US-00978608.
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XX PR 06-MAY-1998; 98US-0084366P.
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XX AC ADB76341;
XX DT 04-DEC-2003 (first entry)
XX DE Human PRO polypeptide #18.
XX KW Human; PRO polypeptide; secreted protein; transmembrane protein;
KW cell death; neuropathy; neuropathy related disease;
KW Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;
KW Chromosome mapping; Gene mapping; Genetic disorder; septic shock;
KW antibacterial; immunosuppressive; neuroprotective.
OS Homo sapiens.
XX FN US2003083248-A1.
XX PD 01-MAY-2003.
XX PE 16-OCT-2001; 2001US-00978757.
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PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
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PR 22-DEC-1998; 98US-0113296P.
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PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 12-MAR-1999; 98US-0123957P.
PR 29-MAR-1999; 98US-0126773P.
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PR 02-JUN-1999; 98WO-US012252.
PR 16-JUN-1999; 98US-0139557P.
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PR 30-DEC-1999; 98WO-US030095.
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PR 05-JAN-2000; 98WO-US031274.
PR 06-JAN-2000; 2000WO-US000219.
PR 2000WO-US000277.

PR 06-JAN-2000; 2000MO-US000376.
PR 11-FEB-2000; 2000MO-US003565.
PR 18-FEB-2000; 2000MO-US004341.
PR 24-FEB-2000; 2000MO-US005004.
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PR 21-MAR-2000; 2000MO-US007532.
PR 30-MAR-2000; 2000MO-US008439.
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PR 30-MAY-2000; 2000MO-US014941.
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PR 28-JUL-2000; 2000MO-US020710.
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PR 23-JUN-2001; 2001MO-US021066.
PR 09-JUL-2001; 2001MO-US021735.
PR 30-JUL-2001; 2001US-00918585.

(GETH) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;

DR WPI: 2003-755118/71.
DR N-PSDB; ADB76340.

XX New PRO polypeptides useful for treating peripheral neuropathy,
PT neuropathies associated with systemic disease such as post-polio syndrome
PT or AIDS-associated syndrome.

XX Claim 12; Fig 45; 425pp; English.

XX The present invention relates to the isolation of novel human PRO
CC polypeptides, and the polynucleotide sequences encoding them. The PRO
CC polypeptides are secreted and transmembrane proteins. The PRO
CC polypeptides are useful for detecting other PRO polypeptides, for linking
CC bioactive molecules to cells expressing PRO polypeptides, for modulating
CC biological activities of cells expressing PRO polypeptides, and for
CC identifying agonists or antagonists. The bioactive molecule maybe a
CC toxin, radiolabel or antibody, and cause cell death. The PRO polypeptides
CC are useful for treating neuropathy and neuropathy related diseases such
CC as Charcot-Marie-Tooth disorder, Refsum's disease, and Krabbe's disease.
CC The polynucleotide sequences encoding PRO polypeptides are useful as
CC hybridisation probes, in chromosome and gene mapping, in the generation

Query Match 100.0%; Score 1931; DB 7; Length 338;

Best Local Similarity 100.0%; Pred. No. 3.6e-131;
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RESULT 16

ADC43767

ID ADC43767 standard; protein; 338 AA.

XX ADC43767;

XX 18-DEC-2003 (first entry)

XX Human secreted/transmembrane protein, PRO320.

XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.

XX Homo sapiens.

XX US2003054986-A1.

XX 20-MAR-2003.

XX 16-OCT-2001; 2001US-00981915.

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PR 28-APR-1999; 98US-0131445P.
PR 14-MAY-1999; 98US-0031832.
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PR 25-MAY-2001; 98US-0087092.
PR 01-JUN-2001; 98US-00872035.
PR 01-JUN-2001; 98US-00872035.
PR 05-JUN-2001; 98US-00874503.
PR 14-JUN-2001; 98US-00882636.
PR 19-JUN-2001; 98US-00886342.
PR 20-JUN-2001; 98US-0019692.
PR 29-JUN-2001; 98US-0021066.
PR 09-JUL-2001; 98US-0021735.
PR 30-JUL-2001; 98US-00918585.
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PA (GETH) GENENTECH INC.
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Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MFLPNSLALPILLISNVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWERNKGV 60
QY 61 CEATCEPGKFGCEVGNPKRCFPFGYTGKTSQDVNECGMKPRCOHRCVNTGHSYKFC 120
Db 61 CEATCEPGKFGCEVGNPKRCFPFGYTGKTSQDVNECGMKPRCOHRCVNTGHSYKFC 120
QY 121 LSGHMLMPDTCVNSRTCAVINCOYSCEDETEGPOCLCFSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDTCVNSRTCAVINCOYSCEDETEGPOCLCFSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICYNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHHANCFTQ 240
Db 181 GKVICYNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHHANCFTQ 240
QY 241 GSFCKCKGKGYKGNLRCSAIPENSVEVLRAPGTIKDKIKLLAHKNSMKKAKIKNVT 300
Db 241 GSFCKCKGKGYKGNLRCSAIPENSVEVLRAPGTIKDKIKLLAHKNSMKKAKIKNVT 300
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Db 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 17
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ID ADC61527 standard; protein; 338 AA.

XX ADC61527;
XX

DT 18-DEC-2003 (first entry)
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DE Human secreted/transmembrane protein, PRO320.
XX

KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW optthalmologic; antiarthritic; osteopathic; antirheumatic; vulnary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.

OS Homo sapiens.
XX

XX US2003049684-A1.
XX

PN 13-MAR-2003.
XX

PD 24-OCT-2001; 2001US-00017081.
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PF 17-OCT-1997; 97US-0062250P.
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PR 03-NOV-1997; 97US-0064249P.
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PR 13-NOV-1997; 97US-0065311P.
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PR 19-JUN-2001; 2001US-00886342.
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PR 30-JUL-2001; 2001US-00918585.
PR XX (GETH ) GENENTECH INC.
PR PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
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RESULT 18
ADC63491
ID ADC63491 standard; protein; 338 AA.
AC ADC63491;
XX 18-DEC-2003 (first entry)
XX Human secreted/transmembrane protein, PRO320.
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
XX auditory; tumour growth; retinal disorder; sports-related joint problem;
XX articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX wound healing; hearing loss.
XX Homo sapiens.
XX US2003054405-A1.
XX 20-MAR-2003.
XX 24-OCT-2001; 2001US-00999833.
XX 17-OCT-1997; 97US-0062250P.
XX 03-NOV-1997; 97US-0064249P.
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XX 11-MAR-1998; 98US-0077632P.
XX 11-MAR-1998; 98US-0077641P.
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PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380137.
PR 25-AUG-1999; 98US-00380138.
PR 25-AUG-1999; 98US-00380142.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US0003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.

PR	20-DEC-2000;	2000WO-US034956.
PR	28-FEB-2001;	2001WO-US006520.
PR	22-MAR-2001;	2001US-00816744.
PR	22-MAR-2001;	2001US-00816920.
PR	22-MAR-2001;	2001WO-US009552.
PR	10-MAY-2001;	2001US-00854208.
PR	10-MAY-2001;	2001US-00854280.
PR	25-MAY-2001;	2001WO-US017092.
PR	01-JUN-2001;	2001US-00872035.
PR	01-JUN-2001;	2001WO-US017800.
PR	05-JUN-2001;	2001US-00874503.
PR	14-JUN-2001;	2001US-00882636.
PR	19-JUN-2001;	2001US-00886342.
PR	20-JUN-2001;	2001WO-US019692.
PR	29-JUN-2001;	2001WO-US021066.
PR	09-JUL-2001;	2001WO-US021735.
PR	30-JUL-2001;	2001US-00918585.
XX	(GETH) GENENTECH INC.	
PA		
XX		
Query Match	100.0%;	Score 1931; DB 7; Length 338;
Best Local Similarity	100.0%;	Pred. No. 3.6e-131;
Matches 338; Conservative	0;	Mismatches 0; Indels 0; Gaps 0;
QY	1	MPLPWSLALPLLISWAGFGFNAASARHHGLLASARQPVGCHYGTKLACYGWRNRSGV 60
DB	1	MPLPWSLALPLLISWAGFGFNAASARHHGLLASARQPVGCHYGTKLACYGWRNRSGV 60
QY	61	CEATCEPGCKFFGECVGNKRCFPFGYTGTCTSDVNNECGMKPPCQHRCVNTHGSYKFC 120
DB	61	CEATCEPGCKFFGECVGNKRCFPFGYTGTCTSDVNNECGMKPPCQHRCVNTHGSYKFC 120
QY	121	LSGHMLMPDATCVNSRTCAMINCOYSCDTEEPQCILCPSSGRLAPNGRDCLDIDECAS 180
DB	121	LSGHMLMPDATCVNSRTCAMINCOYSCDTEEPQCILCPSSGRLAPNGRDCLDIDECAS 180
QY	181	GKVICPNRRCVNTFGSYCKHGIFELQVISGRYDCIDINECTMBDSHTCSHANCFTQ 240
DB	181	GKVICPNRRCVNTFGSYCKHGIFELQVISGRYDCIDINECTMBDSHTCSHANCFTQ 240
QY	241	GSFKCKKQGYKGNGLRCSAIPENSXVEVLRAPTTIKDRIKLLAHKNSMCKAKIKNVT 300
DB	241	GSFKCKKQGYKGNGLRCSAIPENSXVEVLRAPTTIKDRIKLLAHKNSMCKAKIKNVT 300
QY	301	PEPTRTPTPKVNLQPFNYEEIVSVRGNSHGSKGKNEEK 338
DB	301	PEPTRTPTPKVNLQPFNYEEIVSVRGNSHGSKGKNEEK 338
RESULT 19		
ID	ADC66591	
XX	ADC66591 standard; protein; 338 AA.	
AC	ADC66591;	
DT	18-DEC-2003 (first entry)	
DE	Human secreted/transmembrane protein, PRO320.	
KW	vulnerary; virucide; neuroprotective; cytostatic; gene therapy;	
KW	tumour cell proliferation inhibitor;	
KW	secreted and transmembrane protein; PRO; viral infection; wound healing;	
KW	tissue growth; muscle generation; muscle regeneration;	
KW	amyotrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;	
KW	diabetic peripheral neuropathy; chromosome identification; antagonist;	
KW	tissue typing; immunohistochemical staining.	
OS	Homo sapiens.	
XX		
PN	US2003060406-A1.	
RD	22-MAR-2003	


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PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
XX (GETH ) GENENTECH INC.
FA
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
Query Match 100.0%; Score 1931; DB 7; Length 338;
Best Local Similarity 100.0%; Pred No 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
Qy 61 CEATCEGCKFGECVGNKCRCPGYGTGKTCSDVNECGMKRPPCOHRCVNTHTSGYKFC 120
Db 61 CEATCEGCKFGECVGNKCRCPGYGTGKTCSDVNECGMKRPPCOHRCVNTHTSGYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDETEGPGQCLCFSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDETEGPGQCLCFSSGLRLAPNGRDCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQVYISGRYDCIDINECTMDSHTCSSHANCFNTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQVYISGRYDCIDINECTMDSHTCSSHANCFNTQ 240
Qy 241 GSPFKCKQKQYKGNLRCSAIPENSVEKVLRAPTIKDRIKLLAHKNSMKKAKIKNT 300
Db 241 GSPFKCKQKQYKGNLRCSAIPENSVEKVLRAPTIKDRIKLLAHKNSMKKAKIKNT 300
Qy 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
RESULT 21
ADC62775
ID ADC62775 standard; protein; 338 AA.
AC ADC62775;
XX
XX 18-DEC-2003 (first entry)
XX
XX Human secreted/transmembrane protein, PRO320.
XX
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
XX US2003068648-A1.
XX
XX 10-APR-2003.
XX
XX 25-OCT-2001; 2001US-00013921.
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XX 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
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PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078886P.
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PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
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PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
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22-MAY-1998; 98US-0086486P.
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 01-JUL-1998; 98US-0091359P.
 30-JUL-1998; 98US-0094651P.
 11-SEP-1998; 98US-0100038P.
 07-OCT-1998; 98US-0102114P.
 20-NOV-1998; 98US-0109304P.
 20-NOV-1998; 98US-0113286P.
 22-DEC-1998; 98US-0113621P.
 23-DEC-1998; 98US-0113621P.
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 08-MAR-1999; 99US-0005190P.
 10-MAR-1999; 99US-0123957P.
 12-MAR-1999; 99US-0126773P.
 29-MAR-1999; 99US-0130232P.
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 26-APR-1999; 99US-0131445P.
 14-MAY-1999; 99US-0134287P.
 14-MAY-1999; 99US-0134287P.
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 30-NOV-1999; 99US-0139557P.
 02-DEC-1999; 99US-0139557P.
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 30-DEC-1999; 99US-0139557P.
 05-JAN-2000; 2000US-0000219P.
 06-JAN-2000; 2000US-0000277P.
 06-JAN-2000; 2000US-0000376P.
 11-FEB-2000; 2000US-0003565P.
 18-FEB-2000; 2000US-0004341P.
 24-FEB-2000; 2000US-0005004P.
 02-MAR-2000; 2000US-0005841P.
 10-MAR-2000; 2000US-0006319P.
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 28-FEB-2001; 2001US-0006520P.
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 25-MAY-2001; 2001US-0017092P.
 01-JUN-2001; 2001US-0017800P.
 20-JUN-2001; 2001US-0019692P.
 29-JUN-2001; 2001US-0021066P.
 03-JUL-2001; 2001US-0021735P.
 30-JUL-2001; 2001US-0091858P.

(GETH) GENENTECH INC.
 Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 Giddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
 Kljavin LJ, Kuo SS, Najler MA, Pan J, Paoni NP, Roy MA, Shelton DL;
 Stewart TA, Tamas D, Williams PM, Wood WI;
 WPI; 2003-695924/66.
 N-PSDB; ADC62774.

New isolated secreted and transmembrane PRO polypeptides, useful in the preparation of a medicament for treating a condition responsive to the polypeptide, and as therapeutic agents e.g. vaccines.

XX Claim 12; SEQ ID NO 119; 467bp; English.
 PS The invention relates to an isolated PRO polypeptide (secreted or
 XX transmembrane protein) having at least 80% amino acid sequence identity
 CC to an amino acid sequence chosen from 94 fully defined sequences as given
 CC in the specification (including PRO lacking its associated signal
 CC peptide), a PRO extracellular domain with or without its associated signal
 CC peptide). Also included are nucleic acids encoding the PRO proteins
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
 CC comprising the vector and producing PRO, a chimeric molecule comprising
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
 CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule

Query Match 100.0%; Score 1931; DB 7; Length 338;
 Best Local Similarity 100.0%; Pred. No. 3.6e-131;
 Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPILLSWVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
 DB 1 MPLPWSLALPILLSWVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKCRCPFGTGTCTSDVNECCMKPRPCQHRVCVNTGSKYKFC 120
 DB 61 CEATCEPGCKFGECVGNKCRCPFGTGTCTSDVNECCMKPRPCQHRVCVNTGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEPGQCLCPSSGLRLAPNGRDLIDECAS 180
 DB 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEPGQCLCPSSGLRLAPNGRDLIDECAS 180

QY 181 GKVICPNRRVCVNTGSKYKCHIGPELOVIGRYDCIDINECTMDSHTCSHANCFNTQ 240
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QY 241 GSFCKCKQGYKGNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHKNSKKKAKIKNT 300
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QY 301 PEPTRTPTPKVNLQPFNTEIVSRGNSHGKKGNEEK 338
 DB 301 PEPTRTPTPKVNLQPFNTEIVSRGNSHGKKGNEEK 338

RESULT 22
 ADC67840
 ID ADC67840 standard; protein, 338 AA.
 XX AC ADC67840;
 XX DT 18-DEC-2003 (first entry)
 XX DE Human secreted/transmembrane protein, PRO3320.
 XX KW Human; secreted protein; transmembrane protein; PRO; cytosolic;
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnervary;
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
 XX wound healing; hearing loss.
 OS Homo sapiens.
 XX US2003069178-A1.
 XX 10-APR-2003.
 XX 16-OCT-2001; 2001US-00978423.

XX PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
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PR 27-MAR-1998; 98US-0079683P.
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PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080194P.
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PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 22-DEC-1998; 98US-0113266P.
PR 23-DEC-1998; 98US-0113821P.
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PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
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PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99WO-US0134287P.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
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PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
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PR 02-DEC-1999; 99WO-US028551.
PR 16-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 11-FEB-2000; 2000WO-US000376.
PR 18-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.

PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH) GENENTECH INC.
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WT;
XX WPI; 2003-657582/62.
DR N-PSDB; ADC67839.
XX
XX Novel secreted and transmembrane polypeptides, designated PRO
PT polypeptides, and polynucleotides encoding them useful for treating
PT kidney diseases, bone, cartilage and retinal disorders.
XX
XX Claim 12; SEQ ID NO 119; 468pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide), a PRO extracellular domain with or without its associated signal
CC peptide), also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting

Query Match 100.0%; Score 1931; DB 7; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLLSWAGGFGNAASARHGLASARQPGVCHYGTKLACCYGVWRNSKGV 60
Db 1 MFLPWSLALPLLLSWAGGFGNAASARHGLASARQPGVCHYGTKLACCYGVWRNSKGV 60
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Db 61 CEATCEPGKFGECVGNKRCFPYGTGTCSQDVNECGMKPRCQHRVNTGSGYKFC 120
QY 121 LSGHMLPDTATVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
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QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCFTQ 240
QY 241 GGFCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
Db 241 GGFCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTPTPKVNLQPNPYEEIVSRGNHGKKGNEEK 338
Db 301 PEPTPTPKVNLQPNPYEEIVSRGNHGKKGNEEK 338

RESULT 23
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XX
AC ADC41160;
XX
DT 18-DEC-2003 (first entry)
XX
DE Human secreted/transmembrane protein, PRO320.
XX

KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumor growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX Homo sapiens.
XX
XX US2003072745-A1.
PN
XX
PD 17-APR-2003.
XX
XX 25-OCT-2001; 2001US-00013929.
XX
XX 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 25-MAR-1998; 98US-0078939P.
PR 26-MAR-1998; 98US-0079294P.
PR 27-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
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PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
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PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083342P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
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PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.

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RESULT 24			PR	22-APR-1998;	98US-0082704P.
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XX	AC		PR	29-APR-1998;	98US-0083499P.
XX	AC		PR	29-APR-1998;	98US-0083500P.
XX	AC		PR	29-APR-1998;	98US-0083545P.
XX	AC		PR	29-APR-1998;	98US-0083554P.
XX	AC		PR	29-APR-1998;	98US-0083558P.
XX	AC		PR	29-APR-1998;	98US-0083559P.
XX	AC		PR	30-APR-1998;	98US-0083742P.
XX	AC		PR	30-MAY-1998;	98US-0084366P.
XX	AC		PR	06-MAY-1998;	98US-0084414P.
XX	AC		PR	06-MAY-1998;	98US-0084441P.
XX	AC		PR	07-MAY-1998;	98US-0084598P.
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XX	AC		PR	07-MAY-1998;	98US-0084637P.
XX	AC		PR	07-MAY-1998;	98US-0084639P.
XX	AC		PR	07-MAY-1998;	98US-0084640P.
XX	AC		PR	07-MAY-1998;	98US-0084643P.
XX	AC		PR	13-MAY-1998;	98US-0085323P.
XX	AC		PR	13-MAY-1998;	98US-0085338P.
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XX	AC		PR	15-MAY-1998;	98US-0085573P.
XX	AC		PR	15-MAY-1998;	98US-0085579P.
XX	AC		PR	15-MAY-1998;	98US-0085580P.
XX	AC		PR	15-MAY-1998;	98US-0085582P.
XX	AC		PR	15-MAY-1998;	98US-0085689P.
XX	AC		PR	15-MAY-1998;	98US-0085657P.
XX	AC		PR	15-MAY-1998;	98US-0085700P.
XX	AC		PR	15-MAY-1998;	98US-0085704P.
XX	AC		PR	18-MAY-1998;	98US-0086023P.
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XX	AC		PR	22-MAY-1998;	98US-0086430P.
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XX	AC		PR	20-NOV-1998;	98US-0109304P.
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XX	AC		PR	22-DEC-1998;	98US-0113296P.
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XX	AC		PR	05-JAN-1999;	98WO-US000106.
XX	AC		PR	08-MAR-1999;	98WO-US005028.
XX	AC		PR	10-MAR-1999;	98WO-US005190.
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XX	AC		PR	28-APR-1999;	98US-0131445P.
XX	AC		PR	14-MAY-1999;	98US-0134287P.
XX	AC		PR	14-MAY-1999;	98WO-US010733.
XX	AC		PR	02-JUN-1999;	98WO-US012252.
XX	AC		PR	16-JUN-1999;	98US-0139557P.
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XX	AC		PR	07-JUL-1999;	98US-0142680P.
XX	AC		PR	26-JUL-1999;	98US-0145698P.
XX	AC		PR	28-JUL-1999;	98US-0146222P.
XX	AC		PR	29-OCT-1999;	98US-0162506P.

301 PEPTPTTPKVNLPQFNVEEIVSRGNSHGKKGNEEK 338
 RESULT 24
 ADC67215
 ID ADC67215 standard; protein; 338 AA.
 XX
 AC
 ADC67215;
 XX
 18-DEC-2003 (first entry)
 XX
 DE Human secreted/transmembrane protein, PRO320.
 XX
 XX
 KW vulnary; virucide; neuroprotective; cytostatic; gene therapy;
 KW tumour cell proliferation inhibitor;
 KW secreted and transmembrane protein; PRO; viral infection; wound healing;
 KW tissue growth; muscle generation; muscle regeneration;
 KW amvotrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;
 KW diabetic peripheral neuropathy; chromosome identification; antagonist;
 KW tissue typing; immunohistochemical staining.
 XX
 OS Homo sapiens.
 XX
 XX US2003073131-A1.
 XX
 PD 17-APR-2003.
 XX
 XX
 PF 25-OCT-2001; 2001US-00016177.
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 XX 17-OCT-1997; 97US-0062250P.
 PR 03-NOV-1997; 97US-0064249P.
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 PR 21-NOV-1997; 97US-0065364P.
 PR 10-MAR-1998; 98US-0077450P.
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 PR 25-MAR-1998; 98US-0079294P.
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PR 08-APR-1998; 98US-0081071P.
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PR 28-MAY-1998; 98US-0087106P.
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PR 26-JUN-1998; 98US-00105413.
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PR 30-JUL-1998; 98US-0091359P.
PR 11-SEP-1998; 98US-0094651P.
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PR 02-NOV-1998; 98US-00184221.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
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PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 23-DEC-1998; 98US-0113296P.
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PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US0005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US0005190.
PR 12-MAR-1999; 99US-00267213.
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PR 23-MAR-1999; 99US-0128777P.
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PR 26-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
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PR 02-JUN-1999; 99WO-US010733.
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PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380137.
PR 25-AUG-1999; 99US-00380138.
PR 25-AUG-1999; 99US-00380142.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
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PR 30-DEC-1999; 99WO-US030095.
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PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US0000219.
PR 06-JAN-2000; 2000WO-US0000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000US-0180165P.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 17-MAR-2000; 2000WO-US008439.
PR 22-MAY-2000; 2000WO-US013705.
PR 30-MAY-2000; 2000WO-US014042.
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PR 08-NOV-2000; 2000US-00723749.
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PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854208.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
(GETH) GENENTECH INC.
XX
XX

Query Match 100.0%; Score 1931; DB 7; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPILLSWVAGFGNARSARHGLLASARQGVCHYGTKLACCYGWRNSKGV 60
DB 1 MFLPWSLALPILLSWVAGFGNARSARHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKGECVGNPKRCFPYTGKTCSDVNECGMKPRPCQHRVCNTHSGVKCFC 120
DB 61 CEATCEPGCKGECVGNPKRCFPYTGKTCSDVNECGMKPRPCQHRVCNTHSGVKCFC 120

QY 121 LSGHMLPMDATCVNSRTCAMINCOYSCEDTEEGPQCLPSSGRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLPMDATCVNSRTCAMINCOYSCEDTEEGPQCLPSSGRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRVCNTPGSGYCKHGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRVCNTPGSGYCKHGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

QY 241 GSFCKCKQGYKNGRLRCSAIPENSVEVLNAPGTIKDRIKKLLAHNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKNGRLRCSAIPENSVEVLNAPGTIKDRIKKLLAHNSMKKKAKIKNT 300

QY 301 PEPTPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338

RESULT 26

ADC41784

ID ADC41784 standard; protein; 338 AA.

XX AC

XX DT

XX DE

XX 18-DEC-2003 (first entry)

XX Human secreted/transmembrane protein, PRO320.

XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
XX auditory; tumour growth; retinal disorder; sports-related joint problem;
XX articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX wound healing; hearing loss.

XX Homo sapiens.

XX US2003104998-A1.

XX 05-JUN-2003.

XX 16-OCT-2001; 2001US-00978643.

XX 17-OCT-1997; 97US-0062250P.

XX 03-NOV-1997; 97US-0064249P.

XX 13-NOV-1997; 97US-0065311P.

XX 21-NOV-1997; 97US-0066364P.

XX 10-MAR-1998; 98US-0077450P.

XX 11-MAR-1998; 98US-0077632P.

XX 11-MAR-1998; 98US-0077641P.

XX 12-MAR-1998; 98US-0077791P.

XX 13-MAR-1998; 98US-0078004P.

XX 17-MAR-1998; 98US-00040220.

XX 20-MAR-1998; 98US-0078886P.

XX 20-MAR-1998; 98US-0078910P.

XX 20-MAR-1998; 98US-0078936P.

XX 25-MAR-1998; 98US-0078939P.

XX 26-MAR-1998; 98US-0079292P.

XX 27-MAR-1998; 98US-0079656P.

XX 27-MAR-1998; 98US-0079664P.

XX 27-MAR-1998; 98US-0079689P.

PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079788P.

PR 30-MAR-1998; 98US-0079920P.

PR 30-MAR-1998; 98US-0079923P.

PR 31-MAR-1998; 98US-0080105P.

PR 31-MAR-1998; 98US-0080107P.

PR 31-MAR-1998; 98US-0080165P.

PR 31-MAR-1998; 98US-0080194P.

PR 01-APR-1998; 98US-0080327P.

PR 01-APR-1998; 98US-0080328P.

PR 01-APR-1998; 98US-0080333P.

PR 01-APR-1998; 98US-0080334P.

PR 08-APR-1998; 98US-0081049P.

PR 08-APR-1998; 98US-0081070P.

PR 08-APR-1998; 98US-0081071P.

PR 09-APR-1998; 98US-0081195P.

PR 09-APR-1998; 98US-0081203P.

PR 09-APR-1998; 98US-0081223P.

PR 15-APR-1998; 98US-0081817P.

PR 15-APR-1998; 98US-0081819P.

PR 15-APR-1998; 98US-0081838P.

PR 15-APR-1998; 98US-0081952P.

PR 15-APR-1998; 98US-0081955P.

PR 21-APR-1998; 98US-0082568P.

PR 21-APR-1998; 98US-0082569P.

PR 22-APR-1998; 98US-0082700P.

PR 22-APR-1998; 98US-0082704P.

PR 22-APR-1998; 98US-0082797P.

PR 22-APR-1998; 98US-0082804P.

PR 23-APR-1998; 98US-0082796P.

PR 27-APR-1998; 98US-0083336P.

PR 28-APR-1998; 98US-0083322P.

PR 29-APR-1998; 98US-0083392P.

PR 29-APR-1998; 98US-0083495P.

PR 29-APR-1998; 98US-0083496P.

PR 29-APR-1998; 98US-0083499P.

PR 29-APR-1998; 98US-0083500P.

PR 29-APR-1998; 98US-0083545P.

PR 29-APR-1998; 98US-0083554P.

PR 29-APR-1998; 98US-0083558P.

PR 29-APR-1998; 98US-0083559P.

PR 30-APR-1998; 98US-0083742P.

PR 05-MAY-1998; 98US-0084366P.

PR 06-MAY-1998; 98US-0084414P.

PR 06-MAY-1998; 98US-0084441P.

PR 07-MAY-1998; 98US-0084598P.

PR 07-MAY-1998; 98US-0084600P.

PR 07-MAY-1998; 98US-0084627P.

PR 07-MAY-1998; 98US-0084637P.

PR 07-MAY-1998; 98US-0084639P.

PR 07-MAY-1998; 98US-0084640P.

PR 07-MAY-1998; 98US-0084643P.

PR 13-MAY-1998; 98US-0085323P.

PR 13-MAY-1998; 98US-0085338P.

PR 13-MAY-1998; 98US-0085339P.

PR 15-MAY-1998; 98US-0085573P.

PR 15-MAY-1998; 98US-0085579P.

PR 15-MAY-1998; 98US-0085580P.

PR 15-MAY-1998; 98US-0085828P.

PR 15-MAY-1998; 98US-0085890P.

PR 15-MAY-1998; 98US-0085897P.

PR 15-MAY-1998; 98US-0085970P.

PR 15-MAY-1998; 98US-0085700P.

PR 18-MAY-1998; 98US-0085704P.

PR 22-MAY-1998; 98US-0086023P.

PR 22-MAY-1998; 98US-0086392P.

PR 22-MAY-1998; 98US-0086414P.

PR 22-MAY-1998; 98US-0086430P.

PR 22-MAY-1998; 98US-0086486P.

PR 28-MAY-1998; 98US-0087098P.

PR 28-MAY-1998; 98US-0087108P.

PR 28-MAY-1998; 98US-0087208P.

PR 26-JUN-1998; 98US-00105413.

PR 26-JUN-1998; 98US-0090863P.

PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077793P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00804220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
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PR 25-MAR-1998; 98US-0079294P.
PR 25-MAR-1998; 98US-0079656P.
PR 26-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
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PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083332P.
PR 29-APR-1998; 98US-0083332P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084441P.
PR 06-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.

PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087096P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-00105413.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 02-NOV-1998; 98US-0021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98US-0024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 23-DEC-1998; 98US-0113296P.
PR 03-JAN-1999; 98US-0113621P.
PR 03-JAN-1999; 98US-00254465.
PR 08-MAR-1999; 98US-00254465.
PR 10-MAR-1999; 98US-00254465.
PR 10-MAR-1999; 98US-0025686.
PR 12-MAR-1999; 98US-00267213.
PR 12-MAR-1999; 98US-0123957P.
PR 29-MAR-1999; 98US-0126773P.
PR 12-APR-1999; 98US-00284291.
PR 21-APR-1999; 98US-0130232P.
PR 26-APR-1999; 98US-0131022P.
PR 28-APR-1999; 98US-0131445P.
PR 14-MAY-1999; 98US-00311832.
PR 14-MAY-1999; 98US-0134287P.
PR 02-JUN-1999; 98US-00310733.
PR 16-JUN-1999; 98US-00312252.
PR 23-JUN-1999; 98US-0139557P.
PR 07-JUL-1999; 98US-0140337P.
PR 26-JUL-1999; 98US-0142880P.
PR 28-JUL-1999; 98US-0145698P.
PR 25-AUG-1999; 98US-00380137.
PR 25-AUG-1999; 98US-00380138.
PR 25-AUG-1999; 98US-00380142.
PR 29-OCT-1999; 98US-0162506P.
PR 30-NOV-1999; 98US-00283113.
PR 02-DEC-1999; 98US-0028551.
PR 16-DEC-1999; 98US-0028565.
PR 30-DEC-1999; 98US-0030095.
PR 30-DEC-1999; 98US-0031243.
PR 30-DEC-1999; 98US-0031274.
PR 05-JAN-2000; 98US-00300219.
PR 06-JAN-2000; 98US-0000277.
PR 11-FEB-2000; 98US-0000376.
PR 18-FEB-2000; 98US-00003565.
PR 24-FEB-2000; 98US-00004341.
PR 02-MAR-2000; 98US-0005841.
PR 10-MAR-2000; 98US-0005841.
PR 21-MAR-2000; 98US-0007532.
PR 30-MAR-2000; 98US-0008439.
PR 17-MAY-2000; 98US-0013705.
PR 22-MAY-2000; 98US-0014042.
PR 30-MAY-2000; 98US-0014941.
PR 02-JUN-2000; 98US-0015264.
PR 28-JUL-2000; 98US-0020710.
PR 24-AUG-2000; 98US-0023328.

PR	08-NOV-2000;	2000US-00709238.	
PR	27-NOV-2000;	2000US-00723749.	
PR	01-DEC-2000;	2000WO-US032678.	
PR	20-DEC-2000;	2000US-00747259.	
PR	20-DEC-2000;	2000WO-US034356.	
PR	28-FEB-2001;	2001WO-US006520.	
PR	22-MAR-2001;	2001US-00816744.	
PR	22-MAR-2001;	2001WO-US016920.	
PR	10-MAY-2001;	2001US-00854208.	
PR	10-MAY-2001;	2001US-00854280.	
PR	25-MAY-2001;	2001WO-US017092.	
PR	01-JUN-2001;	2001US-00872035.	
PR	01-JUN-2001;	2001WO-US017800.	
PR	05-JUN-2001;	2001US-00874503.	
PR	14-JUN-2001;	2001US-00882636.	
PR	19-JUN-2001;	2001US-00886342.	
PR	20-JUN-2001;	2001WO-US019592.	
PR	29-JUN-2001;	2001WO-US021066.	
PR	09-JUL-2001;	2001WO-US021735.	
PR	30-JUL-2001;	2001US-00918585.	
XX			
FA	(GETH) GENENTECH INC.		
PI	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;		
Query Match	100.0%;	Score 1931;	DB 7; Length 338;
Best Local Similarity	100.0%;	Pred. No. 3.6e-131;	
Matches 338;	Conservative 0;	Mismatches 0;	Indels 0; Gaps 0;
QY	1	MPLPWSLALPLLSSWAGGFGNNAASARHGLLASARQGVCHYGTGKTLACCYGWRNSKGV	60
DB	1	MPLPWSLALPLLSSWAGGFGNNAASARHGLLASARQGVCHYGTGKTLACCYGWRNSKGV	60
QY	61	CEATCEPCGKGEVGNPKRCFPFGYTGKTCSDQVNECGMKPQCOHRCVNTGHSYKFCF	120
DB	61	CEATCEPCGKGEVGNPKRCFPFGYTGKTCSDQVNECGMKPQCOHRCVNTGHSYKFCF	120
QY	121	LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDECAS	180
DB	121	LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDECAS	180
QY	181	GVICFPYNNRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTNQ	240
DB	181	GVICFPYNNRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTNQ	240
QY	241	GSFKCKCKQYKGNGLRCSAIPENSVKVLEAPGTIKDKILLAHKNSMKKKAKIKNTV	300
DB	241	GSFKCKCKQYKGNGLRCSAIPENSVKVLEAPGTIKDKILLAHKNSMKKKAKIKNTV	300
QY	301	PEPTPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK	338
DB	301	PEPTPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK	338
RESULT 28			
ID	ADE35207		
XX	AC	ADE35207; standard; protein; 338 AA.	
XX	DT	29-JAN-2004 (first entry)	
XX	DE	Human secreted/transmembrane protein, PRO320.	
KW	KW	Human; secreted protein; transmembrane protein; PRO; cytostatic;	
KW	KW	ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;	
KW	KW	auditory; tumour growth; retinal disorder; sports-related joint problem;	
KW	KW	articular cartilage defects; osteoarthritis; rheumatoid arthritis;	
KW	KW	wound healing; hearing loss.	
OS	XX	Homo sapiens.	

PN	US2003203434-A1.	
XX	30-OCT-2003.	
XX	18-OCT-2001;	2001US-00145088.
XX	15-MAY-1998;	98US-0085689P.
PR	08-MAR-1999;	99WO-US005028.
PR	28-APR-1999;	99US-0131445P.
PR	25-AUG-1999;	99US-00380138.
PR	18-FEB-2000;	2000WO-US004341.
PR	30-JUL-2001;	2001US-00918585.
XX		
FA	(GETH) GENENTECH INC.	
XX	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;	
PI	Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;	
PI	Godard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;	
PI	Klavin LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;	
PI	Stewart TA, Tumas D, Williams PM, Wood WI,	
XX	WPI; 2003-875641/81.	
DR	N-PSDB; ADE35206.	
XX		
PT	New genes, and its encoded secreted and transmembrane polypeptides,	
PT	useful for treating e.g. lung or breast tumors, osteoarthritis,	
PT	rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,	
PT	hypoinsulinemia or wounds.	
XX		
PS	Claim 12; SEQ ID NO 119; 462pp; English.	
XX		
CC	The invention relates to an isolated PRO polypeptide (secreted or	
CC	transmembrane protein) having at least 80% amino acid sequence identity	
CC	to an amino acid sequence chosen from 94 fully defined sequences as given	
CC	in the specification (including PRO lacking its associated signal	
CC	peptide), a PRO extracellular domain with or without its associated signal	
CC	peptide). Also included are nucleic acids encoding the PRO proteins	
CC	mentioned above, a vector comprising a PRO nucleic acid, a host cell	
CC	comprising the vector and producing PRO, a chimeric molecule comprising	
CC	PRO fused to a heterologous amino acid sequence, and an anti-PRO	
CC	antibody. PRO337 polypeptide is useful for detecting a PRO4993	
CC	polypeptide in a sample suspected of containing PRO4993 polypeptide.	
CC	Similarly, PRO4993 polypeptide is useful for detecting PRO337	
CC	polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting	
CC	PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a	
CC	PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a	
CC	bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive	
CC	molecule is the toxin, radiolabel, or an antibody. The bioactive molecule	
CC	causes death of the cell. PRO337 polypeptide is useful for linking a	
CC	bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,	
CC	PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule	
CC	to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is	
CC	useful for linking a bioactive molecule to a cell expressing PRO725,	
CC	PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337	
CC	polypeptide is useful for modulating at least one biological activity of	
CC	the cell expressing PRO337 polypeptide, where the cell is killed. PRO337	
CC	polypeptide or anti-PRO4993 polypeptide is useful for modulating the	
CC	biological activity of the cell expressing PRO4993 polypeptide; PRO725,	
CC	PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for	
CC	modulating the biological activity of the cell expressing PRO1559	
CC	polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-	
CC	PRO739 polypeptide is useful for modulating the biological activity of	
CC	the cell expressing PRO725, PRO700 or PRO739 polypeptide. The	
CC	polypeptides are useful for inhibiting tumour growth, retinal disorders,	
CC	sports-related joint problems, articular cartilage defects,	
CC	osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in	
CC	mammals. The present sequence represents a PRO protein.	
XX		
SQ	Sequence 338 AA;	
Query Match	100.0%;	Score 1931; DB 7; Length 338;
Best Local Similarity	100.0%;	Pred. No. 3.6e-131;
Matches 338;	Conservative 0;	Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWVAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKRPPCQHRVCVNTGSHYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKRPPCQHRVCVNTGSHYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEGPGQCLCFSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEGPGQCLCFSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRVCNFTGSGYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRVCNFTGSGYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPNSVKEVLRAPGTIKDKILLAHKNSMKKAKIKNT 300
DB 241 GSFCKCKQYKGNGLRCSAIPNSVKEVLRAPGTIKDKILLAHKNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEK 338
RESULT 29
ADE16321
ID ADE16321 standard; protein; 338 AA.
XX AC ADE16321;
XX DT 29-JAN-2004 (first entry)
XX DE Human secreted/transmembrane protein, PRO320.
XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX KW ophthalmological; arthritic; osteopathic; antirheumatic; vulnary;
XX KW auditory; tumor growth; retinal disorder; sports-related joint problem;
XX KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX KW wound healing; hearing loss.
XX OS Homo sapiens.
XX PN US2003203435-A1.
XX PD 30-OCT-2003.
XX PF 18-OCT-2001; 2001US-00145092.
XX PR 30-APR-1998; 98US-0083742P.
XX PR 08-MAR-1999; 99WO-US005028.
XX PR 23-JUN-1999; 99US-0141037P.
XX PR 25-AUG-1999; 99US-00380138.
XX PR 18-FEB-2000; 2000WO-US004341.
XX PR 30-JUL-2001; 2001US-00918585.
XX PA (GETH) GENENTECH INC.
XX PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
XX PI Kljavin IJ, Kuo SS, Napier WA, Pan J, Paoni NP, Roy MA, Shelton DL;
XX PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX PF WPI; 2003-875642/81.
XX DR N-PSDB; ADE16320.
XX XX
XX PT New genes, and its encoded secreted and transmembrane polypeptides,
XX PT useful for treating e.g. lung or breast tumors, osteoarthritis,
XX PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
XX PT hypoinsulinemia or wounds.

PS Claim 12; SEQ ID NO 119; 452pp; English.
XX The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting a PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule causes death of the cell. PRO337 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule to a cell expressing PRO1559 polypeptide, and PRO1559 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO725, PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337 polypeptide is useful for modulating at least one biological activity of the cell expressing PRO337 polypeptide, where the cell is killed. PRO337 polypeptide or anti-PRO4993 polypeptide is useful for modulating the biological activity of the cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for modulating the biological activity of the cell expressing PRO1559 polypeptide; and PRO725, PRO700 or anti-PRO739 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, PRO700 or PRO739 polypeptide. The polypeptides are useful for inhibiting tumour growth, retinal disorders, sports-related joint problems, articular cartilage defects, osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in mammals. The present sequence represents a PRO protein.
SQ Sequence 338 AA;
Query Match 100.0%; Score 1931; DB 7; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLSSWVAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKRPPCQHRVCVNTGSHYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKRPPCQHRVCVNTGSHYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEGPGQCLCFSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEGPGQCLCFSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRVCNFTGSGYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRVCNFTGSGYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPNSVKEVLRAPGTIKDKILLAHKNSMKKAKIKNT 300
DB 241 GSFCKCKQYKGNGLRCSAIPNSVKEVLRAPGTIKDKILLAHKNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEK 338
RESULT 30
ADD72936
ID ADD72936 standard; protein; 338 AA.

XX AC ADD72936;
XX DT 29-JAN-2004 (first entry)
XX DE Human secreted/transmembrane protein, PRO320.
XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX KW ophthalmological; antiarthritic; osteopathic; antineumatic; vulnary;
XX KW auditory; tumour growth; retinal disorder; sports-related joint problem;
XX KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX KW wound healing; hearing loss.
XX OS Homo sapiens.
XX FN US2003203436-A1.
XX XX 30-OCT-2003.
XX PF 18-OCT-2001; 2001US-00145129.
XX XX 22-MAY-1998; 98US-0086414P.
XX PR 22-DEC-1998; 98US-0113296P.
XX PR 05-JAN-1999; 99WO-US000106.
XX PR 08-MAR-1999; 99WO-US005028.
XX PR 12-APR-1999; 99US-00284291.
XX PR 25-AUG-1999; 99US-00380138.
XX PR 18-FEB-2000; 2000WO-US004341.
XX PR 30-JUL-2001; 2001US-00918585.
XX XX (GETH) GENENTECH INC.
XX PI Ashkenazi AJ, Baker KB, Botstein D, Desnoyers L, Eaton DL;
XX PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX PI Goddard A, Goddard PJ, Grimaldi JC, Gurney AL, Hillan KJ;
XX PI Kladavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX PI Stewart TR, Tumas D, Williams PW, Wood WI;
XX XX WPI; 2003-875643/81.
XX DR N-PSDB; ADD72935.
XX PT New PRO genes and encoded secreted and transmembrane polypeptides, useful
XX PT for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid
XX PT arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or
XX PT wounds.
XX PS Claim 12; SEQ ID NO 119; 453pp; English.
XX XX The invention relates to an isolated PRO polypeptide (secreted or
XX CC transmembrane protein) having at least 80% amino acid sequence identity
XX CC to an amino acid sequence chosen from 94 fully defined sequences as given
XX CC in the specification (including PRO lacking its associated signal
XX CC peptide, a PRO extracellular domain with or without its associated signal
XX CC peptide). Also included are nucleic acids encoding the PRO proteins
XX CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
XX CC comprising the vector and producing PRO, a chimeric molecule comprising
XX CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
XX CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
XX CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
XX CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
XX CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
XX CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
XX CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
XX CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
XX CC causes death of the cell. PRO337 polypeptide is useful for linking a
XX CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
XX CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
XX CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
XX CC useful for linking a bioactive molecule to a cell expressing PRO725,
XX CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
XX CC polypeptide is useful for modulating at least one biological activity of
XX CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337

CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX XX Sequence 338 AA;
SQ
Query Match 100.0%; Score 1931; DB 7; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MPLPWSIALPLILLSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGMRRNSKGV 60
Db 1 MPLPWSIALPLILLSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGMRRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNPKRCRCFPVGTGKTCSDQVNECGMRPCQHRVCNVTHSGYKFC 120
Db 61 CEATCEPGCKFGECVGNPKRCRCFPVGTGKTCSDQVNECGMRPCQHRVCNVTHSGYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAINCOVSCDETEGPOLCESSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAINCOVSCDETEGPOLCESSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICPNRRCCVNTFGSYKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCCVNTFGSYKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Qy 241 GSPFKCKQYKNGRLRCSAIPENSVKVLRAPGIIKRIKLLAHKSMKKKAKIKNT 300
Db 241 GSPFKCKQYKNGRLRCSAIPENSVKVLRAPGIIKRIKLLAHKSMKKKAKIKNT 300
Qy 301 PEPTRTPTKVNLPFNVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPFNVEIIVSRGNSHGKKGNEEK 338
RESULT 31
ADD72294
ID ADD72294 standard; protein; 338 AA.
XX AC ADD72294;
XX DT 29-JAN-2004 (first entry)
XX DE Human secreted/transmembrane protein, PRO320.
XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX KW ophthalmological; antiarthritic; osteopathic; antineumatic; vulnary;
XX KW auditory; tumour growth; retinal disorder; sports-related joint problem;
XX KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX KW wound healing; hearing loss.
XX OS Homo sapiens.
XX FN US2003194781-A1.
XX PD 16-OCT-2003.
XX PF 19-OCT-2001; 2001US-00164929.
XX PR 30-MAR-1998; 98US-0079920P.
XX PR 07-OCT-1998; 98WO-US021141.
XX PR 20-NOV-1998; 98WO-US024855.
XX PR 05-JAN-1999; 99WO-US000106.
XX PR 08-MAR-1999; 99WO-US005028.
XX PR 10-MAR-1999; 99WO-US005190.

PR 15-APR-1999; 99WO-US008313.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380138.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 08-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 08-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 28-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Deenoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Fan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI; 2003-852598/79.
DR N-PSDB; ADD72293.
XX
PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
PT for stimulating the release of tumor necrosis factor alpha from human
PT blood and stimulating the proliferation of differentiation of chondrocyte
PT cells.
PS Claim 12; SEQ ID NO 119; 462pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide), a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a

CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects, and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 338 AA;
Query Match 100.0%; Score 1931; DB 7; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131; Indels 0; Gaps 0;
Matches 338; Conservative 0; Mismatches 0;
QY 1 MPLPMSIALPILLSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPMSIALPILLSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGCEYGNKRCFPYTGKTCSDVNECGMKPRCQHRVNTGSHYKFC 120
DB 61 CEATCEPGCKFGCEYGNKRCFPYTGKTCSDVNECGMKPRCQHRVNTGSHYKFC 120
QY 121 LSGHMLPDATCVNSRTCAMINCOYSCDTEEGPCQLCFSSGLRLAPNGRDLIDECAS 180
DB 121 LSGHMLPDATCVNSRTCAMINCOYSCDTEEGPCQLCFSSGLRLAPNGRDLIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELYISGRYDCIDINECTMDSHTCSHANCNTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELYISGRYDCIDINECTMDSHTCSHANCNTQ 240
QY 241 GFCKCKCKGKGYKNGLRCSAIPENSVKELRAPGTIKDIRIKKLAHKNMCKKAKIKNVT 300
DB 241 GFCKCKCKGKGYKNGLRCSAIPENSVKELRAPGTIKDIRIKKLAHKNMCKKAKIKNVT 300
QY 301 PEPTPTPTPKVNLQPFNVEIIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTPKVNLQPFNVEIIVSRGNSHGKKGNEEK 338
RESULT 32
ADE16945
ID ADE16945 standard; protein; 338 AA.
XX
AC ADE16945;
XX
XX 29-JAN-2004 (first entry)
DT Human secreted/transmembrane protein, PRO320.
DE
XX
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
XX US2003203433-A1.
XX
XX 30-OCT-2003.
PD
XX
PF 18-OCT-2001; 2001US-00145016.

XX	06-MAY-1998;	98US-0084414P.	
FR	22-DEC-1998;	98US-0113296P.	
FR	05-JAN-1999;	99WO-US000106.	
FR	08-MAR-1999;	99WO-US0005028.	
FR	12-APR-1999;	99US-00284291.	
FR	25-AUG-1999;	99US-00380138.	
FR	18-FEB-2000;	2000WO-US004341.	
FR	30-JUL-2001;	2001US-00918585.	
XX	(GETH) GENENTECH INC.		
PPA	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;		
PI	Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;		
PI	Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;		
PI	Klavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;		
PI	Stewart TA, Tumas D, Williams PM, Wood WI;		
XX			
XX	WPI: 2003-875640/81.		
DR	N-PSDB; ADE16944.		
XX			
PT	New genes, and its encoded secreted and transmembrane polypeptides,		
PT	useful for treating e.g. lung or breast tumors, osteoarthritis,		
PT	rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,		
PT	hypoinsulinemia or wounds.		
PS	Claim 12; SEQ ID NO 119; 459pp; English.		
XX			
CC	The invention relates to an isolated PRO polypeptide (secreted or		
CC	transmembrane protein) having at least 80% amino acid sequence identity		
CC	to an amino acid sequence chosen from 94 fully defined sequences as given		
CC	in the specification (including PRO lacking its associated signal		
CC	peptide, a PRO extracellular domain with or without its associated signal		
CC	peptide). Also included are nucleic acids encoding the PRO proteins		
CC	mentioned above, a vector comprising a PRO nucleic acid), a host cell		
CC	comprising the vector and producing PRO, a chimeric molecule comprising		
CC	PRO fused to a heterologous amino acid sequence, and an anti-PRO		
CC	antibody. PRO337 polypeptide is useful for detecting a PRO4993		
CC	polypeptide in a sample suspected of containing PRO4993 polypeptide.		
CC	Similarly, PRO4993 polypeptide is useful for detecting PRO337		
CC	polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting		
CC	PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting		
CC	PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a		
CC	bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive		
CC	molecule is the toxin, radiolabel, or an antibody. The bioactive molecule		
CC	causes death of the cell. PRO337 polypeptide is useful for linking a		
CC	bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,		
CC	PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule		
CC	to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is		
CC	useful for linking a bioactive molecule to a cell expressing PRO725,		
CC	PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337		
CC	polypeptide is useful for modulating at least one biological activity of		
CC	the cell expressing PRO337 polypeptide, where the cell is killed. PRO337		
CC	polypeptide or anti-PRO4993 polypeptide is useful for modulating the		
CC	biological activity of the cell expressing PRO4993 polypeptide; PRO725,		
CC	PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for		
CC	modulating the biological activity of the cell expressing PRO1559		
CC	polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-		
CC	PRO739 polypeptide is useful for modulating the biological activity of		
CC	the cell expressing PRO725, PRO700 or PRO739 polypeptide. The		
CC	polypeptides are useful for inhibiting tumour growth, retinal disorders,		
CC	sports-related joint problems, articular cartilage defects,		
CC	osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in		
CC	mammals. The present sequence represents a PRO protein.		
XX			
SQ	Sequence 338 AA;		
	Query Match	100.08; Score 1931; DB 7; Length 338;	
	Best Local Similarity	100.08; Pred. No. 3.6e-131;	
	Matches 338; Conservative	0; Mismatches 0; Indels 0; Gaps 0;	
QY	1 MFLPWSLALPILLSWAGFGNNAASRHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60		

PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUN-2001; 2001US-00918585.
XX
XX (GETH) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrata N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IU, Kuo SS, Napier MA, Pan J, Paoni NF, Roy NA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2004-008994/01.
DR N-PSDB; ADE48452.
XX

PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or
PT PRO337, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX
XX Claim 12; SEQ ID NO 119; 460pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 34 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.

XX Sequence 338 AA;

Query Match 100.0%; Score 1931; DB 8; Length 338;
Best Local Similarity 100.0%; Pred. No. 3.6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSIALPILLSWVAGGFGNAASARHGHLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
DB 1 MPLPWSIALPILLSWVAGGFGNAASARHGHLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
QY 61 CEATCEPGCKFGCEVGNKRCRFPFGYTKTCSQDVNEGCMKPRPCQHRVCVANTHGSYKCF 120
DB 61 CEATCEPGCKFGCEVGNKRCRFPFGYTKTCSQDVNEGCMKPRPCQHRVCVANTHGSYKCF 120
QY 121 LSGHMLMPDATICNSRTCAVINCOYSCDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATICNSRTCAVINCOYSCDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSFCKCKQYKNGKGLRCSAIPENSVEKVLRAFGTIKRIKLLAHKNSMKKAKIKNT 300
DB 241 GSFCKCKQYKNGKGLRCSAIPENSVEKVLRAFGTIKRIKLLAHKNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPNFYBIEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYBIEIVSRGNSHGKKGNEEK 338

RESULT 34

AD89554
ID AD89554 standard; protein; 338 AA.

XX AC AD89554;
XX DT 29-JAN-2004 (first entry)
XX DE Human secreted/transmembrane protein, PRO320.

XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;
XX KW auditory; tumour growth; retinal disorder; sports-related joint problem;
XX KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX KW wound healing; hearing loss.

XX OS Homo sapiens.

XX PN US2003130181-A1.

XX PD 10-JUL-2003.

XX PF 16-OCT-2001; 2001US-00978375.

XX PR 17-OCT-1997; 97US-0062250P.

XX PR 03-NOV-1997; 97US-0064249P.

XX PR 13-NOV-1997; 97US-0065311P.

XX PR 21-NOV-1997; 97US-0066364P.

XX PR 10-MAR-1998; 98US-0077450P.

XX PR 11-MAR-1998; 98US-0077632P.

XX PR 11-MAR-1998; 98US-0077641P.

XX PR 12-MAR-1998; 98US-0077791P.

XX PR 13-MAR-1998; 98US-0078004P.

XX PR 20-MAR-1998; 98US-0078886P.

XX PR 20-MAR-1998; 98US-0078910P.

XX PR 20-MAR-1998; 98US-0078936P.

XX PR 20-MAR-1998; 98US-0078959P.

XX PR 26-MAR-1998; 98US-0079294P.

XX PR 25-MAR-1998; 98US-0079565P.

XX PR 27-MAR-1998; 98US-0079663P.

XX PR 27-MAR-1998; 98US-0079664P.

XX PR 27-MAR-1998; 98US-0079689P.

XX PR 27-MAR-1998; 98US-0079728P.

XX PR 27-MAR-1998; 98US-0079786P.

XX PR 30-MAR-1998; 98US-0079920P.

XX PR 30-MAR-1998; 98US-0079923P.

20-NOV-1998	PR	98US-01093004P
20-NOV-1998	PR	98WO-01123957P
22-DEC-1998	PR	98US-01132865P
23-DEC-1998	PR	98US-01132865P
25-DEC-1998	PR	98US-01132865P
03-JAN-1999	PR	98WO-US000106P
08-MAR-1999	PR	98WO-US005028P
10-MAR-1999	PR	98WO-US005190P
12-MAR-1999	PR	98US-0123957P
22-MAR-1999	PR	98US-0126773P
21-APR-1999	PR	98US-0130232P
26-APR-1999	PR	98US-0131022P
28-APR-1999	PR	98US-0131445P
14-MAY-1999	PR	98US-0134287P
14-MAY-1999	PR	98WO-US010733P
02-JUN-1999	PR	98WO-US012252P
16-JUN-1999	PR	98US-0139557P
23-JUN-1999	PR	98US-0141037P
07-JUL-1999	PR	98US-0142680P
26-JUL-1999	PR	98US-0145689P
28-JUL-1999	PR	98US-0146222P
29-OCT-1999	PR	98US-0152506P
30-NOV-1999	PR	98WO-US028313P
02-DEC-1999	PR	98WO-US028551P
16-DEC-1999	PR	98WO-US028565P
30-DEC-1999	PR	98WO-US030095P
30-DEC-1999	PR	98WO-US031243P
05-JAN-2000	PR	98WO-US031274P
06-JAN-2000	PR	2000WO-US000219P
06-JAN-2000	PR	2000WO-US000277P
11-FEB-2000	PR	2000WO-US003565P
18-FEB-2000	PR	2000WO-US004341P
24-FEB-2000	PR	2000WO-US005004P
02-MAR-2000	PR	2000WO-US005841P
10-MAR-2000	PR	2000WO-US006319P
21-MAR-2000	PR	2000WO-US007532P
30-MAR-2000	PR	2000WO-US008439P
17-MAY-2000	PR	2000WO-US013705P
22-MAY-2000	PR	2000WO-US014042P
30-MAY-2000	PR	2000WO-US014941P
02-JUN-2000	PR	2000WO-US015264P
28-JUL-2000	PR	2000WO-US020710P
24-AUG-2000	PR	2000WO-US023238P
01-DEC-2000	PR	2000WO-US032678P
28-FEB-2001	PR	2001WO-US006524P
22-MAR-2001	PR	2001WO-US009552P
25-MAY-2001	PR	2001WO-US017092P
01-JUN-2001	PR	2001WO-US017800P
20-JUN-2001	PR	2001WO-US019692P
29-JUN-2001	PR	2001WO-US021066P
09-JUL-2001	PR	2001WO-US021735P
30-JUL-2001	PR	2001US-00918595P
XX	PA	(ASHK/) ASHKENAZI A J.
XX	PA	(BAKE/) BAKER K P.
XX	PA	(BOTZ/) BOTSTEIN D.
XX	PA	(DESN/) DESNOVERS L.
XX	PA	(EATO/) EATON D L.
XX	PA	(FERR/) FERRARA N.
XX	PA	(FILV/) FILVAREOFF E.
XX	PA	(FONG/) FONG S.
XX	PA	(GAOW/) GAO W.
XX	PA	(GERB/) GERBER H.
XX	PA	(GERE/) GERRITSEN M E.
XX	PA	(GODD/) GODDARD A.
XX	PA	(GODW/) GODOWSKI P J.
XX	PA	(GIRM/) GIRMALDI J C.
XX	PA	(GURN/) GURNEY A L.
XX	PA	(HILL/) HILLMAN K J.
XX	PA	(KLJA/) KLJAVIN I J.
XX	PA	(KUOS/) KUO S S.
XX	PA	(NAPI/) NAPIER M A.


```
XX WO200230977-A2.
XX 18-APR-2002.
XX 15-OCT-2001; 2001WO-US032257.
XX 13-OCT-2000; 2000US-00687860.
XX (HYSE-) HYSEQ INC.
XX Asundi V, Ford JE, Dmanac RT, Liu C, Yamasaki V, Yeung G;
XX Tang TV, Zhang J, Zhou P, Zhou H;
XX WPI; 2002-426270/45.
XX N-PSDB; AAL43901.
XX Novel isolated epidermal growth factor motif polypeptide, termed EGFL6,
XX for treating cancer, nervous system disorders, immune deficiencies,
XX autoimmune disorders, coagulation disorders and inflammatory conditions.
XX Claim 28; Page 167-169; 183pp; English.
XX The invention comprises the amino acid and coding sequences of human
XX epidermal growth factor (EGF) motif-containing proteins (EGFL6 proteins).
XX The DNA and protein sequences of the invention are useful for inhibiting
XX the proliferation of cells expressing an EGFL6 protein. The DNA and
XX protein sequences of the invention are useful for stimulating epithelial
XX tissue growth, for tissue repair and regeneration, corneal transplant
XX healing, skin graft production and wound healing. The DNA and protein
XX sequences are useful for treating cancer, leukaemia, nervous system
XX disorders, infection, autoimmune disorders (e.g. multiple sclerosis),
XX anaemia, periodontal diseases, haemophilia, inflammatory conditions, and
XX for effecting bodily characteristics and fertility of male or female
XX subjects. The present amino acid sequence represents a human EGF motif-
XX containing protein
XX Sequence 553 AA;
XX
XX Query Match 100.0%; Score 1931; DB 5; Length 553;
XX Best Local Similarity 100.0%; Pred. No. 6e-131;
XX Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 1 MPLPWSLALPLLSSVAGGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV. 60
DB 1 MPLPWSLALPLLSSVAGGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV. 60
QY 61 CEATCEPGCKGECVGNKRCFPYGTGKTSQDVNECGMKPRCQRCVNTGSHYKFC. 120
DB 61 CEATCEPGCKGECVGNKRCFPYGTGKTSQDVNECGMKPRCQRCVNTGSHYKFC. 120
QY 121 LSGHMLMPDTCVNSRTCAVINCOYSCDTEBGPCLCPSSGLRLAPNGRDCLDIDECAS. 180
DB 121 LSGHMLMPDTCVNSRTCAVINCOYSCDTEBGPCLCPSSGLRLAPNGRDCLDIDECAS. 180
QY 181 GKVICPNRRCVNTGSHYKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCNTQ. 240
DB 181 GKVICPNRRCVNTGSHYKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCNTQ. 240
QY 241 GGFCKCKGKGYNGRLCSAIPENSVKELRAPGTIKDKIKLLAHKNSMKKAKIKNTV. 300
DB 241 GGFCKCKGKGYNGRLCSAIPENSVKELRAPGTIKDKIKLLAHKNSMKKAKIKNTV. 300
QY 301 PPTPTPTPKVNLQPNVTEIIVSRGNSHGKKGNEEK. 338
DB 301 PPTPTPTPKVNLQPNVTEIIVSRGNSHGKKGNEEK. 338
XX
XX RESULT 37
XX AAE26506
XX ID AAE26506 standard; protein; 553 AA.
XX
XX AAE26506;
```

```
XX 13-DEC-2002 (first entry)
XX Human epidermal growth factor (EGF)-repeat containing protein #5.
XX Human; antibody; epidermal growth factor; EGF repeat; brain tumour;
XX nervous disorder; ulcer; leukaemia.
XX Homo sapiens.
XX Key Location/Qualifiers
XX Peptide 1..21
XX Protein 22..553
XX Domain 80..93
XX /note= "EGF motif 1"
XX Domain 95..128
XX /note= "EGF motif 2"
XX Domain 133..168
XX /note= "EGF motif 3"
XX Domain 175..214
XX /note= "EGF motif 4"
XX Domain 220..259
XX /note= "EGF motif 5"
XX Modified-site 247
XX /note= "N-glycosylation site"
XX Modified-site 346
XX /note= "N-glycosylation site"
XX Domain 363..365
XX /note= "RGD motif"
XX Domain 446..465
XX /note= "Transmembrane domain"
XX Modified-site 509
XX /note= "Tyrosine phosphorylation site"
XX
XX US6392019-B1.
XX 21-MAY-2002.
XX 28-JUL-1999; 99US-00363316.
XX 22-NOV-1997; 97US-00968800.
XX 12-FEB-1999; 99US-00249697.
XX (FORD/) FORD J.
XX (YEUN/) YEUNG G.
XX Ford J, Yeung G;
XX WPI; 2002-424836/45.
XX N-PSDB; AAD44343.
XX Novel antibody specific for an epidermal growth factor repeat-containing
XX polypeptide, useful for the diagnosis of brain tumors, ulcers, leukemias,
XX and nervous disorders.
XX Example 4; Col 89-92; 92pp; English.
XX The invention relates to an antibody specific for a 537 residue epidermal
XX growth factor (EGF) repeat-containing polypeptide sequence. The invention
XX is used for detecting the presence of EGF repeat containing polypeptides
XX in a sample, in the diagnosis of brain tumours, nervous disorders,
XX ulcers, and leukaemias. The present sequence is human EGF-repeat
XX containing protein
XX Sequence 553 AA;
XX
XX Query Match 100.0%; Score 1931; DB 5; Length 553;
XX Best Local Similarity 100.0%; Pred. No. 6e-131;
XX Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 1 MPLPWSLALPLLSSVAGGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV. 60
```

DB 1 MFLPWSLALPLLLSWAGGFGNAARHGLLASARQPGVCHYGTCLACCGWRNSKGV 60
QY 61 CBATCEPGCKGECVGNKRCFPGYTKTCSQDVNECGMKPRCQHRVCNTHGSKYKFC 120
DB 61 CBATCEPGCKGECVGNKRCFPGYTKTCSQDVNECGMKPRCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRVCNTHGSKYKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCNTQ 240
DB 181 GKVICPNRRVCNTHGSKYKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCNTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 38
ABJ05586
ID ABJ05586 standard; protein; 553 AA.
XX
AC ABJ05586;
DT 14-NOV-2002 (first entry)
XX
DE Breast cancer-associated protein 51.
XX
KW Breast cancer; breast cancer-associated gene sequence; drug development;
KW pharmacogenetics; biosensor development.
XX
OS Unidentified.
XX
EN WO200259377-A2.
XX
PD 01-AUG-2002.
XX
PF 24-JAN-2002; 2002WO-US002242.
XX
PR 24-JAN-2001; 2001US-0263965P.
PR 02-FEB-2001; 2001US-0265928P.
PR 09-APR-2001; 2001US-00829472.
PR 09-APR-2001; 2001US-0282698P.
PR 04-MAY-2001; 2001US-0288590P.
PR 29-MAY-2001; 2001US-0294443P.
XX
PA (EOSB-) EOS BIOTECHNOLOGY INC.
XX
XX Mack DH, Gish KC, Afar D;
PI WPI; 2002-583738/62.
DR N-PSDB; ABT07743.
XX
PT Detecting a breast cancer-associated transcript in a patient's cell,
PT useful for diagnosing breast cancer, comprises contacting a biological
PT sample with a polynucleotide that selectively hybridizes with breast
PT cancer nucleic acids.
XX
PS Disclosure; Page 393; 414pp; English.
XX
CC The invention comprises a method of detecting a breast cancer-associated
CC transcript in a cell from a patient. The method of the invention involves
CC contacting a biological sample from the patient with a nucleotide that
CC hybridizes to one of the 69 breast cancer-associated gene sequences shown
CC in the specification. The method of the invention is useful in the
CC diagnosis or prognosis of breast cancer, and for detecting genes that are
CC up or down-regulated in breast cancer cells. Genes identified by the

CC method of the invention can be used in diagnostic purposes and also as
CC targets for screening for therapeutic compounds that modulate breast
CC cancer (e.g. hormones or antibodies). Identification of genes that are
CC over or under expressed in breast cancer can additionally provide high-
CC resolution, high-sensitivity datasets which can be used in the areas of
CC diagnostics, therapeutics, drug development, pharmacogenetics, protein
CC structure and biosensor development. Amino acid sequences ABJ05536 -
CC ABJ05604 represent the proteins encoded by the 69 breast cancer-
CC associated genes of the invention
XX
SQ Sequence 553 AA;
Query Match 100.0%; Score 1931; DB 5; Length 553;
Best Local Similarity 100.0%; Pred. No. 6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLLSWAGGFGNAARHGLLASARQPGVCHYGTCLACCGWRNSKGV 60
DB 1 MFLPWSLALPLLLSWAGGFGNAARHGLLASARQPGVCHYGTCLACCGWRNSKGV 60
QY 61 CBATCEPGCKGECVGNKRCFPGYTKTCSQDVNECGMKPRCQHRVCNTHGSKYKFC 120
DB 61 CBATCEPGCKGECVGNKRCFPGYTKTCSQDVNECGMKPRCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRVCNTHGSKYKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCNTQ 240
DB 181 GKVICPNRRVCNTHGSKYKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCNTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
RESULT 39
ABG72942
ID ABG72942 standard; protein; 553 AA.
XX
AC ABG72942;
DT 02-APR-2003 (first entry)
XX
DE Novel human EGP-motif containing protein EGFL6.
KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
KW cell proliferation inhibition; vaccine; antisense gene therapy; human;
KW EGFL6.
XX
OS Homo sapiens.
XX
PN US2002132250-A1.
XX
PD 19-SEP-2002.
XX
PF 15-OCT-2001; 2001US-00981649.
XX
PR 28-JUL-1999; 99US-00363316.
PR 13-OCT-2000; 2000US-00687860.
XX
PA (FORD/) FORD J E.
PA (YEUN/) YEUNG G.
PA (ZHOU/) ZHOU H.
XX
PI Ford JE, Yeung G, Zhou H;

XX WPI; 2003-174078/17.
DR N-PSDB; ABX14779.
XX
XX Detecting cancerous cells expressing polynucleotides/polypeptides in
PT samples, by contacting samples with labeled polynucleotides complementary
PT to polynucleotide or an antibody against the polypeptide and detecting
PT complex formed.
XX
XX Claim 13; Page 57-58; 78pp; English.
XX
XX The invention describes a method of detecting a cancerous cell expressing
CC a polynucleotide (I) or a polypeptide (II) in a biological sample,
CC involving contacting the sample with a labelled polynucleotide
CC complementary to (I) or an antibody or its fragment that specifically
CC binds to (II), for a period sufficient to form a complex and detecting
CC the complex, so that if a complex is detected, the cell is detected. The
CC method is useful for detecting cancerous cell in a biological sample such
CC as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
CC fluid. The cancerous cell is from lung, brain, prostate, breast, skin,
CC lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
CC -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFL6
CC activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
CC proliferation of a cancer cell. This is the amino acid sequence of the
CC novel human EGF (epidermal growth factor) motif containing protein EGFL6
XX
XX Sequence 553 AA;
XX
XX Query Match 100.0%; Score 1931; DB 6; Length 553;
XX Best Local Similarity 100.0%; Pred. No. 6e-131;
XX Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLWSWAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLWSWAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKRPPCQHRVCNTHGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKRPPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKKLAHNSMKKAKIKNT 300
Db 241 GSFKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKKLAHNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
RESULT 40
ID ABR48234
XX ABR48234 standard; protein; 553 AA.
AC ABR48234;
XX
DT 12-JUN-2003 (first entry)
XX
DE Human bladder cancer associated protein sequence SEQ ID NO:189.
XX Human; bladder cancer; cytostatic; gene therapy; vaccine.
XX Homo sapiens.
XX
XX WO2003003906-A2.
PN
XX

PD 16-JAN-2003.
XX 03-JUL-2002; 2002WC-US021338.
XX
XX 03-JUL-2001; 2001US-0302814P.
PR 03-AUG-2001; 2001US-0310099P.
PR 03-NOV-2001; 2001US-0343705P.
PR 13-NOV-2001; 2001US-0350668P.
PR 12-APR-2002; 2002US-0372246P.
XX
XX (EOSB-) EOS BIOTECHNOLOGY INC.
PA
XX Mack DH, Aziz N;
XX WPI; 2003-201532/19.
XX N-PSDB; ACC51050.
XX
XX Detecting a bladder cancer-associated transcript in a cell from a
PT patient, comprises contacting a biological sample from the patient with a
PT bladder cancer-associated polynucleotide or antibody.
XX
XX Claim 10; Page 294; 307pp; English.
XX
XX The present invention describes a method for detecting a bladder cancer-
CC associated transcript in a cell from a patient. The method comprises
CC contacting a biological sample from the patient with a polynucleotide
CC that selectively hybridises to a sequence that is 80 % identical to a
CC table of sequences (see ACC50951 to ACC51059). ACC50951 to ACC51059
CC encode the human bladder cancer-associated proteins given in ABR48146 to
CC ABR48242). Bladder cancer-associated sequences from the present invention
CC in vaccine production. The method can be used in antisense gene therapy and
CC cancer-associated transcript in a cell from a patient. The method is
CC useful in diagnosing or treating bladder cancer and in screening for
CC compounds that modulate bladder cancer, such as hormones or antibodies.
CC The nucleic acid molecules from the present invention may be used in
CC various screening and diagnostic methods, and for gene therapy, vaccine
CC and/or antisense/inhibition applications
XX
XX Sequence 553 AA;
XX
XX Query Match 100.0%; Score 1931; DB 6; Length 553;
XX Best Local Similarity 100.0%; Pred. No. 6e-131;
XX Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLWSWAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLWSWAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKRPPCQHRVCNTHGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKRPPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKKLAHNSMKKAKIKNT 300
Db 241 GSFKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKKLAHNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
RESULT 41
ID ABR48234
XX ABR48234 standard; protein; 553 AA.

PI Ford J, Yeung G, Zhou H;
XX WPI; 2003-492123/46.
DR N-PSDB; ACD25942.
XX
PT Stimulating cell growth by contacting the cell with an EGFL6 polypeptide,
PT useful for the diagnosis and treatment of cancers and neurodegenerative
PT disorders.
XX
PS Claim 6; Page 66-67; 86pp; English.
XX
CC The invention describes a method of stimulating cell growth comprising
CC contacting the cell with an EGFL6 polypeptide having at least 90 %
CC sequence identity to a 553 amino acid sequence (S1), given in the
CC specification, or its variant and/or fragment lacking a C-terminal
CC portion of the EGFL6 polypeptide. The methods and compositions of the
CC present invention are useful for the diagnosis and treatment of cancers
CC and neurodegenerative disorders by stimulating cell growth. The cancers
CC include leukaemia, brain, lung, breast, gastrointestinal, skin and
CC prostate tumours and carcinomas. They can also be used in inhibiting the
CC growth of infectious agents and parasites, effecting bodily
CC characteristics and biorhythms, effecting fertility, metabolism
CC catabolism and anabolism of fats, vitamins, proteins and minerals, and
CC effecting behavioural characteristics. This is the amino acid sequence of
CC novel human epidermal growth factor motif protein EGFL6
XX
SQ Sequence 553 AA;
Query Match 100.0%; Score 1931; DB 6; Length 553;
Best Local Similarity 100.0%; Pred. No. 6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPCCKGECVGNPKRCFPYGTGKTCSDVNECGMKPRCQHRVCVNTGSKYKFC 120
DB 61 CEATCEPCCKGECVGNPKRCFPYGTGKTCSDVNECGMKPRCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPDMATCVNSRTCAMINQYSCDTEBGPQCLPSSGLRLAPNGRDCIDIDECAS 180
DB 121 LSGHMLPDMATCVNSRTCAMINQYSCDTEBGPQCLPSSGLRLAPNGRDCIDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHSCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHSCSHANCFTQ 240
QY 241 GSFCKCKQGYKNGLRCSAIPENSVEVLRAFGTIKDIRIKKLLAHNSMKKAKIKNT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSVEVLRAFGTIKDIRIKKLLAHNSMKKAKIKNT 300
QY 301 PEPTPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK 338
RESULT 43
ADB80482 standard; protein; 553 AA.
XX
AC ADB80482;
XX
XT 04-DEC-2003 (first entry)
XX
DE Ovarian cancer-associated protein #23.
XX
KW cytostatic; gene therapy; vaccine; ovarian cancer; diagnosis;
KW post-operative chemotherapy; radiation therapy; tumour prognosis;
KW pre-cancerous lesion detection.
OS Homo sapiens.

PN WO2002102235-A2.
XX
PD 27-DEC-2002.
XX
PF 18-JUN-2002; 2002WO-US019297.
XX
PR 18-JUN-2001; 2001US-02999234P.
PR 27-AUG-2001; 2001US-0315287P.
PR 05-SEP-2001; 2001US-0317544P.
PR 13-NOV-2001; 2001US-0350666P.
PR 12-APR-2002; 2002US-0372246P.
XX
PA (EOSB-) EOS BIOTECHNOLOGY INC.
XX
PI Mack DH, Gish KC;
XX
XX WPI; 2003-167431/16.
XX N-PSDB; ADB80481.
XX
PT Detecting an ovarian cancer-associated transcript in a cell from a
PT patient, comprises contacting a biological sample from the patient with a
PT polynucleotide that hybridizes to an ovarian cancer gene.
XX
PS Claim 13; Page 290-291; 332pp; English.
XX
CC The invention relates to a method of detecting an ovarian cancer-
CC associated transcript in a cell from a patient, by contacting a
CC biological sample from the patient with a polynucleotide that selectively
CC hybridizes to a sequence at least 80% identical to any of one of 80
CC nucleic acid sequences given in the specification. The method is useful
CC in diagnosing ovarian cancer and in identifying and using agents and/or
CC targets that inhibit ovarian cancer. The nucleic acid molecule,
CC polypeptide and the antibody may also be used in detecting ovarian
CC cancers, monitoring and early detection of relapse following treatment,
CC monitoring response to therapy, selecting patients for post-operative
CC chemotherapy or radiation therapy, in selecting mode of therapy,
CC determining tumour prognosis, early detection of pre-cancerous lesions,
CC and as vaccines. This sequence corresponds to one of the proteins used
CC for the detection method of the invention.
XX
SQ Sequence 553 AA;
Query Match 100.0%; Score 1931; DB 7; Length 553;
Best Local Similarity 100.0%; Pred. No. 6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPCCKGECVGNPKRCFPYGTGKTCSDVNECGMKPRCQHRVCVNTGSKYKFC 120
DB 61 CEATCEPCCKGECVGNPKRCFPYGTGKTCSDVNECGMKPRCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPDMATCVNSRTCAMINQYSCDTEBGPQCLPSSGLRLAPNGRDCIDIDECAS 180
DB 121 LSGHMLPDMATCVNSRTCAMINQYSCDTEBGPQCLPSSGLRLAPNGRDCIDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHSCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHSCSHANCFTQ 240
QY 241 GSFCKCKQGYKNGLRCSAIPENSVEVLRAFGTIKDIRIKKLLAHNSMKKAKIKNT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSVEVLRAFGTIKDIRIKKLLAHNSMKKAKIKNT 300
QY 301 PEPTPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK 338
RESULT 44
AAB27224

ID AAB27224 standard; protein; 554 AA.
XX AAB27224;
AC
XX 27-MAR-2001 (first entry)
DT
XX Human EXMAD-2 SEQ ID NO: 2.
DE
XX Extracellular matrix and adhesion-associated protein; EXMAD; cancer;
KW inflammation; reproductive disorder; cardiovascular disorder;
KW immune disorder; musculoskeletal disorder; developmental disorder;
KW gastrointestinal disorder; cell proliferation disorder.
XX
OS Homo sapiens.
XX
XX WO200068380-A2.
XX
XX 16-NOV-2000.
XX
XX 10-MAY-2000; 2000WO-US012811.
XX
XX 11-MAY-1999; 99US-0133643P.
XX
XX 23-AUG-1999; 99US-0150409P.
XX
XX (INCY-) INCYTE GENOMICS INC.
XX
XX Bandman O, Hillman JL, Tang YT, Lal P, Yue H, Baughn MR, Lu DAM;
XX Azimzal Y;
XX
XX WPI; 2001-007395/01.
XX
XX N-PSDB; AAC66891.
XX
XX Isolated polynucleotide encoding extracellular matrix or adhesion-
XX associated protein (EXMAD) useful for diagnosing, treating, or preventing
XX disorders associated with expression of EXMAD such as proliferative,
XX immune and genetic disorders.
XX
XX Claim 1; Page 88-89; 129pp; English.
XX
XX The present invention provides the protein and coding sequences for 25
XX novel extracellular matrix and adhesion-associated proteins (EXMADs).
XX These are designated EXMAD-1, EXMAD-2, EXMAD-3, EXMAD-4, EXMAD-5, EXMAD-
XX 6, EXMAD-7, EXMAD-8, EXMAD-9, EXMAD-10, EXMAD-11, EXMAD-12, EXMAD-13,
XX EXMAD-14, EXMAD-15, EXMAD-16, EXMAD-17, EXMAD-18, EXMAD-19, EXMAD-20,
XX EXMAD-21, EXMAD-22, EXMAD-23, EXMAD-24 and EXMAD-25. They are useful in
XX the prevention and treatment of cancers, cell proliferation,
XX cardiovascular, reproductive, immune, musculoskeletal, developmental and
XX gastrointestinal disorders and inflammation
XX
XX Sequence 554 AA;
XX
Query Match 100.0%; Score 1931; DB 4; Length 554;
Best Local Similarity 100.0%; Pred. No. 6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLSSWVAGGFGNNAASAPHHGLLASAPQGVCHYGTGLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGGFGNNAASAPHHGLLASAPQGVCHYGTGLACCYGWRNSKGV 60
QY 61 CEATCEPCGKFGECVGNPKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPCGKFGECVGNPKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLPMDATCVNSRNCAMINCOYSCEDETEGPGQCLCPSSGRLAPNGRDCDLIDECAS 180
DB 121 LSGHMLPMDATCVNSRNCAMINCOYSCEDETEGPGQCLCPSSGRLAPNGRDCDLIDECAS 180
QY 181 GKVICPNRNCVNTFGSYCKCHTGFELQYISGRYDCIDINECTMDSHTCSHEANCFNTQ 240
DB 181 GKVICPNRNCVNTFGSYCKCHTGFELQYISGRYDCIDINECTMDSHTCSHEANCFNTQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPTGIKRIKLLAHKNSMKKAKIKNTV 300

DB 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPTGIKRIKLLAHKNSMKKAKIKNTV 300
QY 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
RESULT 45
AAM39156
ID AAM39156 standard; protein; 554 AA.
XX
XX AAM39156;
AC
XX 22-OCT-2001 (first entry)
DT
XX Human polypeptide SEQ ID NO 2301.
DE
XX Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer;
KW peripheral nervous system; neuropathy; central nervous system; CNS;
KW Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
KW amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
KW chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
KW leukaemia.
XX
XX Homo sapiens.
XX
XX WO200153312-A1.
XX
XX 26-JUL-2001.
XX
XX 26-DEC-2000; 2000WO-US034263.
XX
XX 23-DEC-1999; 99US-00471275.
XX
XX 21-JAN-2000; 2000US-00488725.
XX
XX 25-APR-2000; 2000US-00552317.
XX
XX 20-JUN-2000; 2000US-00598042.
XX
XX 19-JUL-2000; 2000US-00620312.
XX
XX 03-AUG-2000; 2000US-00653450.
XX
XX 14-SEP-2000; 2000US-00662191.
XX
XX 19-OCT-2000; 2000US-00693036.
XX
XX 29-NOV-2000; 2000US-00727344.
XX
XX (HYSE-) HYSEQ INC.
XX
XX Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D;
XX Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J, Zhao QA;
XX Zhou P, Goodrich R, Drmanac RT;
XX
XX WPI; 2001-442253/47.
XX
XX N-PSDB; AAI58312.
XX
XX Novel nucleic acids and polypeptides, useful for treating disorders such
XX as central nervous system injuries.
XX
XX Example 4; SEQ ID NO 2301; 10078pp; English.
XX
XX The invention relates to human nucleic acids (AAI57798-AAI61369) and the
XX encoded polypeptides (AAM38642-AAW42213) with nootropic,
XX immunosuppressant and cytostatic activity. The polynucleotides are useful
XX in gene therapy. A composition containing a polypeptide or polynucleotide
XX of the invention may be used to treat diseases of the peripheral nervous
XX system, such as peripheral nervous injuries, peripheral neuropathy and
XX localised neuropathies and central nervous system diseases, such as
XX Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
XX lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
XX utilisation of the activities such as: Immune system suppression,
XX Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
XX and thrombolytic activity, cancer diagnosis and therapy, drug screening,
XX assays for receptor activity, arthritis and inflammation, leukaemias and
XX C.N.S disorders. Note: The sequence data for this patent did not form
XX part of the printed specification
XX
XX Sequence 554 AA;

Query Match 100.0%; Score 1931; DB 4; Length 554;
Best Local Similarity 100.0%; Pred. No. 6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGGFGNAASARHGLASARQPGVCHYGTAKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWAGGFGNAASARHGLASARQPGVCHYGTAKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYGTGTCSODVNECGMKPRPCQHRVCVTHGSKFCFC 120
DB 61 CEATCEPGCKFGECVGNKCRCPFGYGTGTCSODVNECGMKPRPCQHRVCVTHGSKFCFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPGQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPGQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRVCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTNQ 240
DB 181 GKVICPNRRVCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTNQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 46
RAO15371
ID AA015371 standard; protein; 554 AA.
XX AC AA015371;
XX DT 19-SEP-2002 (first entry)
XX DE Human EGF motif-containing protein, SEQ ID NO 32.
XX KW Human; epidermal growth factor motif; EGF motif; EGF16;
KW epithelial tissue growth; tissue repair; tissue regeneration;
KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;
KW nervous system disorder; infection; autoimmune disorder; inflammation;
KW multiple sclerosis; anaemia; periodontal disease; haemophilia;
KW fertility enhancement.
XX OS Homo sapiens.
XX PN WO200230977-A2.
XX PD 18-APR-2002.
XX PF 15-OCT-2001; 2001WO-US032257.
XX PR 13-OCT-2000; 2000US-00687860.
XX PA (HYSE-) HYSEQ INC.
XX PI Asundi V, Ford JE, Drmanac RT, Liu C, Yamasaki V, Yeung G;
PI Tang TY, Zhang J, Zhou P, Zhou H;
XX WPI; 2002-426270/45.
XX N-PSDB; AAU43906.
XX Novel isolated epidermal growth factor motif polypeptide, termed EGF16,
PT for treating cancer, nervous system disorders, immune deficiencies,
PT autoimmune disorders, coagulation disorders and inflammatory conditions.
XX Claim 20; Page 181-183; 183pp; English.
XX The invention comprises the amino acid and coding sequences of human
CC epidermal growth factor (EGF) motif-containing proteins (EGF16 proteins).

CC The DNA and protein sequences of the invention are useful for inhibiting
CC the proliferation of cells expressing an EGF16 protein. The DNA and
CC protein sequences of the invention are useful for stimulating epithelial
CC tissue growth, for tissue repair and regeneration, corneal transplant
CC healing, skin graft production and wound healing. The DNA and protein
CC sequences are useful for treating cancer, leukaemia, nervous system
CC disorders, infection, autoimmune disorders (e.g. multiple sclerosis),
CC anaemia, periodontal diseases, haemophilia, inflammatory conditions, and
CC for effecting bodily characteristics and fertility of male or female
CC subjects. The present amino acid sequence represents a human EGF motif-
CC containing protein
XX Sequence 554 AA;
SQ Query Match 100.0%; Score 1931; DB 5; Length 554;
Best Local Similarity 100.0%; Pred. No. 6e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGGFGNAASARHGLASARQPGVCHYGTAKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWAGGFGNAASARHGLASARQPGVCHYGTAKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYGTGTCSODVNECGMKPRPCQHRVCVTHGSKFCFC 120
DB 61 CEATCEPGCKFGECVGNKCRCPFGYGTGTCSODVNECGMKPRPCQHRVCVTHGSKFCFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPGQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPGQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRVCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTNQ 240
DB 181 GKVICPNRRVCVNTFGSYCKCHIGFELQVIGRYDCIDINECTMDSHTCSHANCFTNQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 47
ABG72945
ID ABG72945 standard; protein; 554 AA.
XX AC ABG72945;
XX DT 02-APR-2003 (first entry)
XX DE Novel human EGF-motif containing protein associated protein #3.
XX KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
KW cell proliferation inhibition; vaccine; antisense gene therapy; human.
XX OS Homo sapiens.
XX PN US2002132250-A1.
XX PD 19-SEP-2002.
XX PF 15-OCT-2001; 2001US-00981649.
XX PR 28-JUL-1999; 99US-00363316.
XX PR 13-OCT-2000; 2000US-00687860.
XX (FORD/) FORD J E.
XX (YEUN/) YEUNG G.
XX (ZHOU/) ZHOU H.
XX

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PI Ford JE, Yeung G, Zhou H;
XX WPI; 2003-174078/17.
DR N-PSDB; ABX14784.
XX
XX Detecting cancerous cells expressing polynucleotides/polypeptides in
PT samples, by contacting samples with labeled polynucleotides complementary
PT to polynucleotide or an antibody against the polypeptide and detecting
PT complex formed.
XX
XX Disclosure; Page 69-70; 78pp; English.
XX
XX The invention describes a method of detecting a cancerous cell expressing
XX a polynucleotide (I) or a polypeptide (II) in a biological sample,
XX involving contacting the sample with a labelled polynucleotide,
XX complementary to (I) or an antibody or its fragment that specifically
XX binds to (II), for a period sufficient to form a complex and detecting
XX the complex, so that if a complex is detected, the cell is detected. The
XX method is useful for detecting cancerous cell in a biological sample such
XX as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
XX fluid. The cancerous cell is from lung, brain, prostate, breast, skin,
XX lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
XX -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFL6
XX activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
XX proliferation of a cancer cell. This is the amino acid sequence of a
XX novel human EGF (epidermal growth factor) motif containing protein
XX associated protein
XX
XX Sequence 554 AA;
XX
XX Query Match 100.0%; Score 1931; DB 6; Length 554;
XX Best Local Similarity 100.0%; Pred. No. 6e-131;
XX Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 1 MPLPWSLALPLLISWVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
XX DB 1 MPLPWSLALPLLISWVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
XX
XX QY 61 CEATCEPGCKFGEVGNKCRCPFGYTGKTCSDQVNECGMKRPPCQHRVCNTHGSKYKFC 120
XX DB 61 CEATCEPGCKFGEVGNKCRCPFGYTGKTCSDQVNECGMKRPPCQHRVCNTHGSKYKFC 120
XX
XX QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
XX DB 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
XX
XX QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQVTSGRYDCIDINECTMDSHTCSSHANCFNTQ 240
XX DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQVTSGRYDCIDINECTMDSHTCSSHANCFNTQ 240
XX
XX QY 241 GSFKCKCKQYKGNGLRCSAIPENSVEVLRAPTIINDRIKLLAHKNSMKKAKIKNTY 300
XX DB 241 GSFKCKCKQYKGNGLRCSAIPENSVEVLRAPTIINDRIKLLAHKNSMKKAKIKNTY 300
XX
XX QY 301 PEPTPTPTPKVNLQPFNYEETIVSRGNSHGKGNEEK 338
XX DB 301 PEPTPTPTPKVNLQPFNYEETIVSRGNSHGKGNEEK 338
XX
XX RESULT 48
XX ID ABU62268
XX AC ABU62268 standard; protein; 554 AA.
XX
XX QY 01-SEP-2003 (first entry)
XX
XX Novel epidermal growth factor motif protein EGFL6 related protein #3.
XX
XX Human; epidermal growth factor motif protein; EGFL6; cytostatic;
XX neuroprotective; antibacterial; antiparasitic; antilipemic;
XX antifertility; EGF-Agonist; EGF-Antagonist; cell growth; cancer;
XX neurodegenerative disorder; leukaemia; brain tumour;
XX
```

```
KW breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;
KW carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;
XX anabolism.
XX
XX Homo sapiens.
XX
XX US2003036508-A1.
XX
XX 20-FEB-2003.
XX
XX 17-APR-2002; 2002US-00124986.
XX
XX 22-NOV-1997; 97US-00968800.
XX 13-FEB-1999; 99US-00249697.
XX 28-JUL-1999; 99US-00363316.
XX 13-OCT-2000; 2000US-00687860.
XX 15-OCT-2001; 2001US-00981649.
XX
XX (FORD/) FORD J.
XX (YEUN/) YEUNG G.
XX (ZHOU/) ZHOU H.
XX
XX Ford J, Yeung G, Zhou H;
XX WPI; 2003-492123/46.
XX
XX Stimulating cell growth by contacting the cell with an EGFL6 polypeptide,
XX useful for the diagnosis and treatment of cancers and neurodegenerative
XX disorders.
XX
XX Disclosure; Page 77-79; 86pp; English.
XX
XX The invention describes a method of stimulating cell growth comprising
XX contacting the cell with an EGFL6 polypeptide having at least 90 %
XX sequence identity to a 553 amino acid sequence (S1), given in the
XX specification, or its variant and/or fragment lacking a C-terminal
XX portion of the EGFL6 polypeptide. The methods and compositions of the
XX present invention are useful for the diagnosis and treatment of cancers
XX and neurodegenerative disorders by stimulating cell growth. The cancers
XX include leukaemia, brain, lung, breast, gastrointestinal, skin and
XX prostate tumours and carcinomas. They can also be used in inhibiting the
XX growth of infectious agents and parasites, effecting bodily
XX characteristics and biorhythms, effecting fertility, metabolism
XX catabolism and anabolism of fats, vitamins, proteins and minerals, and
XX effecting behavioural characteristics. This is the amino acid sequence of
XX a novel human epidermal growth factor motif protein EGFL6 related protein
XX the DNA encoding which was assembled using EGF-receptor like protein
XX expressed sequence tags (EST's)
XX
XX Sequence 554 AA;
XX
XX Query Match 100.0%; Score 1931; DB 6; Length 554;
XX Best Local Similarity 100.0%; Pred. No. 6e-131;
XX Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 1 MPLPWSLALPLLISWVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
XX DB 1 MPLPWSLALPLLISWVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
XX
XX QY 61 CEATCEPGCKFGEVGNKCRCPFGYTGKTCSDQVNECGMKRPPCQHRVCNTHGSKYKFC 120
XX DB 61 CEATCEPGCKFGEVGNKCRCPFGYTGKTCSDQVNECGMKRPPCQHRVCNTHGSKYKFC 120
XX
XX QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
XX DB 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
XX
XX QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQVTSGRYDCIDINECTMDSHTCSSHANCFNTQ 240
XX DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQVTSGRYDCIDINECTMDSHTCSSHANCFNTQ 240
XX
XX QY 241 GSFKCKCKQYKGNGLRCSAIPENSVEVLRAPTIINDRIKLLAHKNSMKKAKIKNTY 300
XX DB 241 GSFKCKCKQYKGNGLRCSAIPENSVEVLRAPTIINDRIKLLAHKNSMKKAKIKNTY 300
XX
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Db 241 GSPKCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHKNSMKKKAKIKNVT 300
AA040942
Qy 301 PEPTPTTPKVNLPENYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTTPKVNLPENYEIVSRGNSHGKKGNEEK 338
RESULT 49
ID AAM40942 standard; protein; 573 AA.
XX AAM40942;
XX
XX
XX 22-OCT-2001 (first entry)
XX Human polypeptide SEQ ID NO 5873.
XX Human; nontropic; immunosuppressant; cytostatic; gene therapy; cancer;
KW peripheral nervous system; neuropathy; central nervous system; CNS;
KW Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
KW amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
KW chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
KW leukaemia.
XX
XX Homo sapiens.
XX
XX WO20015312-A1.
XX
XX 26-JUL-2001.
XX 26-DEC-2000; 2000MO-US034263.
XX 23-DEC-1999; 99US-00471275.
XX 21-JAN-2000; 2000US-00488725.
XX 25-APR-2000; 2000US-0052317.
XX 20-JUN-2000; 2000US-00598042.
XX 19-JUL-2000; 2000US-00620312.
XX 03-AUG-2000; 2000US-00653450.
XX 14-SEP-2000; 2000US-00662131.
XX 19-OCT-2000; 2000US-00693036.
XX 29-NOV-2000; 2000US-00727344.
XX (HYSE-) HYSEQ INC.
XX
XX Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D;
PI Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J, Zhao QA;
PI Zhou F, Goodrich R, Drmanac RT;
XX
XX WPI; 2001-442253/47.
XX N-PSDB; AAI60098.
XX Novel nucleic acids and polypeptides, useful for treating disorders such
PT as central nervous system injuries.
XX
XX Example 2; SEQ ID NO 5873; 10078pp; English.
XX
XX The invention relates to human nucleic acids (AAI57798-AAI61369) and the
CC encoded polypeptides (AAM38642-AA42213) with nontropic,
CC immunosuppressant and cytostatic activity. The polynucleotides are useful
CC in gene therapy. A composition containing a polypeptide or polynucleotide
CC of the invention may be used to treat diseases of the peripheral nervous
CC system, such as peripheral nervous injuries, peripheral neuropathy and
CC localised neuropathies and central nervous system diseases, such as
CC Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
CC lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
CC utilisation of the activities such as: Immune system suppression,
CC Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
CC and thrombolytic activity, cancer diagnosis and therapy, drug screening,
CC assays for receptor activity, arthritis and inflammation, leukaemias and
CC C.N.S disorders. Note: the sequence data for this patent did not form
CC part of the printed specification
XX
XX Sequence 573 AA;

Query Match 100.0%; Score 1931; DB 4; Length 573;
Best Local Similarity 100.0%; Pred. No. 6.2e-131;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MPLPWSIALPLLLSWVAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 18 MPLPWSIALPLLLSWVAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 77
Qy 61 CEATCPGCKFGECVGNPKRCRCPFGYTGKTCSDVNECGMKRPPCQHRVCVNTGSKYKFC 120
Db 78 CEATCPGCKFGECVGNPKRCRCPFGYTGKTCSDVNECGMKRPPCQHRVCVNTGSKYKFC 137
Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEGPGQCLPSSGLRLAPNGRDCLDIDECAS 180
Db 138 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEGPGQCLPSSGLRLAPNGRDCLDIDECAS 197
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 198 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 257
Qy 241 GSPKCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHKNSMKKKAKIKNVT 300
Db 258 GSPKCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHKNSMKKKAKIKNVT 317
Qy 301 PEPTPTTPKVNLPENYEIVSRGNSHGKKGNEEK 338
Db 318 PEPTPTTPKVNLPENYEIVSRGNSHGKKGNEEK 355
RESULT 50
AAM93622
ID AAM93622 standard; protein; 553 AA.
XX AAM93622;
XX 06-NOV-2001 (first entry)
XX Human polypeptide, SEQ ID NO: 3456.
XX Human; full length cDNA; cDNA synthesis; oligo-capping.
XX Homo sapiens.
XX EP1130094-A2.
XX 05-SEP-2001.
XX 07-JUL-2000; 2000EP-00114089.
XX 08-JUL-1999; 99JP-00194486.
XX 11-JAN-2000; 2000JP-00118774.
XX 02-MAY-2000; 2000JP-00183765.
XX (HELI-) HELIX RES INST.
XX Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;
PI Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;
XX
XX WPI; 2001-524255/58.
XX N-PSDB; AAK94555.
XX 830 Primers useful for synthesizing full length cDNA clones and their use
PT in genetic manipulation.
XX
XX Claim 8; SEQ ID NO 3456; 1380pp + Sequence Listing; English.
XX The invention relates to primers for synthesising full length cDNA
CC clones. 830 cDNA molecules encoding a human protein have been isolated
CC and nucleotide sequences of 5'- and 3'-ends of the cDNA molecules have
CC been determined. Primers for synthesising the full length cDNA are useful
CC for clarifying the function of the protein encoded by the cDNA. The full
CC length clones were obtained by construction of full length enriched cDNA

CC Libraries that were synthesised by the oligo-capping method. The primers
CC enable the production of the full length cDNA easily without any special
CC methods. The present sequence is a polypeptide encoded by a full length
CC human cDNA of the invention. Note: The sequence data for this patent did
CC not form part of the printed specification, but was obtained in CD-ROM
CC format directly from EPO
XX
SQ Sequence 553 AA;

Query Match 99.7%; Score 1926; DB 4; Length 553;
Best Local Similarity 99.7%; Pred. No. 1.4e-130;
Matches 337; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGRNRNSKGV 60
DB 1 MFLPWSLALPLLSSWAGGFGDAASARHHGLLASARQPGVCHYGTKLACCYGRNRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCRFPYGTGTCSQDVNECGMKPRPCQHRVCVTHSGYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCRFPYGTGTCSQDVNECGMKPRPCQHRVCVTHSGYKFC 120
QY 121 LSGHMLMPDVCNSRTCAINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDVCNSRTCAINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHANCFTQ 240
DB 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHANCFTQ 240
QY 241 GSPKCKCKQYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKSMKKAKIKNT 300
DB 241 GSPKCKCKQYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 51
AA015361
ID AA015361 standard; protein; 553 AA.
XX AC AA015361;
XX DT 19-SEP-2002 (first entry)
XX DE Human EGF motif-containing protein, SEQ ID No 6.
XX KW Human; epidermal growth factor motif; EGF motif; EGF6;
XX KW epithelial tissue growth; tissue repair; tissue regeneration;
XX KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;
XX KW nervous system disorder; infection; autoimmune disorder; inflammation;
XX KW multiple sclerosis; anaemia; periodontal disease; haemophilia;
XX KW fertility enhancement.
XX OS Homo sapiens.
XX FH Key Location/Qualifiers
XX FT Misc-difference 357 /note= "Encoded by WTA"
XX FT
XX PN WO200230977-A2.
XX PD 18-APR-2002.
XX PF 15-OCT-2001; 2001WO-US032257.
XX PR 13-OCT-2000; 2000US-00687860.
XX PA (HYSE-) HYSEQ INC.
XX PI Asundi V, Ford JS, Drmanac RT, Liu C, Yamasaki V, Yeung G;
XX PT Tang TY, Zhang J, Zhou P, Zhou H;

XX WPI: 2002-426270/45.
XX DR N-PSDB; AAL43890.
XX Novel isolated epidermal growth factor motif polypeptide, termed EGF6,
XX for treating cancer, nervous system disorders, immune deficiencies,
XX autoimmune disorders, coagulation disorders and inflammatory conditions.
XX
XX Example 3; Fig 5; 183pp; English.

XX The invention comprises the amino acid and coding sequences of human
XX epidermal growth factor (EGF) motif-containing proteins (EGF6 proteins).
XX The DNA and protein sequences of the invention are useful for inhibiting
XX the proliferation of cells expressing an EGF6 protein. The DNA and
XX protein sequences of the invention are useful for stimulating epithelial
XX tissue growth, for tissue repair and regeneration, corneal transplant
XX healing, skin graft production and wound healing. The DNA and protein
XX sequences are useful for treating cancer, leukaemia, nervous system
XX disorders, infection, autoimmune disorders (e.g. multiple sclerosis),
XX anaemia, periodontal diseases, haemophilia, inflammatory conditions, and
XX for effecting bodily characteristics and fertility of male or female
XX subjects. The present amino acid sequence represents a human EGF motif-
XX containing protein
XX
SQ Sequence 553 AA;

Query Match 99.7%; Score 1926; DB 5; Length 553;
Best Local Similarity 99.7%; Pred. No. 1.4e-130;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGRNRNSKGV 60
DB 1 MFLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGRNRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCRFPYGTGTCSQDVNECGMKPRPCQHRVCVTHSGYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCRFPYGTGTCSQDVNECGMKPRPCQHRVCVTHSGYKFC 120
QY 121 LSGHMLMPDVCNSRTCAINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDVCNSRTCAINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHANCFTQ 240
DB 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHANCFTQ 240
QY 241 GSPKCKCKQYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKSMKKAKIKNT 300
DB 241 GSPKCKCKQYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 52
AAE26500
ID AAE26500 standard; protein; 553 AA.
XX AC AAE26500;
XX DT 13-DEC-2002 (first entry)
XX DE Human epidermal growth factor (EGF)-repeat containing protein #4.
XX KW Human; antibody; epidermal growth factor; EGF repeat; brain tumour;
XX KW nervous disorder; ulcer; leukaemia.
XX OS Homo sapiens.
XX FH Key Location/Qualifiers
XX FT Peptide 1..21
XX FT /label= Signal_peptide

FT Protein 22..553
FT /note= "Mature human EGF-repeat containing protein"
FT Domain 80..93
FT /note= "EGF motif 1"
FT Domain 95..128
FT /note= "EGF motif 2"
FT Domain 133..168
FT /note= "EGF motif 3"
FT Domain 175..214
FT /note= "EGF motif 4"
FT Domain 220..259
FT /note= "EGF motif 5"
FT Modified-site 247
FT /note= "N-glycosylation site"
FT Modified-site 346
FT /note= "N-glycosylation site"
FT Misc-difference 357
FT /label= Unknown
FT /note= "Xaa can be any amino acid"
FT Domain 363..365
FT /note= "RGD motif"
FT Domain 446..465
FT /note= "Transmembrane domain"
FT Modified-site 509
FT /note= "Tyrosine phosphorylation site"
FT US6392019-B1.
FT 21-MAY-2002.
FT 28-JUL-1999; 99US-00363316.
FT 22-NOV-1997; 97US-00968800.
FT 12-FEB-1999; 99US-00249697.
FT (FORD/) FORD J.
FT (YEUN/) YEUNG G.
FT Ford J, Yeung G;
FT WPI; 2002-424836/45.
FT N-PSDB; AAD44332.
FT Novel antibody specific for an epidermal growth factor repeat-containing
FT polypeptide, useful for the diagnosis of brain tumors, ulcers, leukemias,
FT and nervous disorders.
FT Example 3; Fig 5; 92pp; English.
FT The invention relates to an antibody specific for a 537 residue epidermal
FT growth factor (EGF) repeat-containing polypeptide sequence. The invention
FT is used for detecting the presence of EGF repeat containing polypeptides
FT in a sample, in the diagnosis of brain tumors, nervous disorders,
FT ulcers, and leukemias. The present sequence is human EGF-repeat
FT containing protein
FT Sequence 553 AA;
SQ
Query Match 99.7%; Score 1926; DB 5; Length 553;
Best Local Similarity 99.7%; Pred. No. 1.4e-130;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MFLPNSLALPLLSSVAGFGNASSARHGLLASARQGVCHYGTKLACCYGWRNSKGV 60
DB 1 MFLPNSLALPLLPPVAGFGNASSARHGLLASARQGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFCEGVNPKRCFPYGTCTCSQDVNECGMKPRCQRCVNTGYSKFC 120
DB 61 CEATCEPGCKFCEGVNPKRCFPYGTCTCSQDVNECGMKPRCQRCVNTGYSKFC 120
QY 121 LSGHMLMPDTCVNSRTCAVINCQVSCDTEGPGQCLPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDTCVNSRTCAVINCQVSCDTEGPGQCLPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRCUNTFSGYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
DB 181 GKVICPNRCUNTFSGYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
QY 241 GSPKCKCKQYKNGLCRLCSAIPENSVKELRAPGTIKDRIKGLLAHNSMKKAKIKNVT 300
DB 241 GSPKCKCKQYKNGLCRLCSAIPENSVKELRAPGTIKDRIKGLLAHNSMKKAKIKNVT 300
QY 301 PEPTRTPTKVNLOPENYEIIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTKVNLOPENYEIIVSRGNSHGKKGNEEK 338
RESULT 53
ABG72935
ID ABG72935 standard; protein; 553 AA.
XX AC ABG72935;
XX DT 02-APR-2003 (first entry)
XX DE Novel human EGF-motif containing protein.
XX KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
KW cell proliferation inhibition; vaccine; antisense gene therapy; human.
XX OS Homo sapiens.
XX FH Key Location/Qualifiers
FT Misc-difference 357 /label= OTHER
FT /note= "OTHER= Any amino acid"
XX US2002132250-A1.
XX PD 19-SEP-2002.
XX PF 15-OCT-2001; 2001US-00981649.
XX PR 28-JUL-1999; 99US-00363316.
XX PR 13-OCT-2000; 2000US-00687860.
XX PA (FORD/) FORD J E.
XX PA (YEUN/) YEUNG G.
XX PA (ZHOU/) ZHOU H.
XX PI Ford JB, Yeung G, Zhou H;
XX WPI; 2003-174078/17.
XX DR N-PSDB; ABX14768.
XX DR
XX CC The invention describes a method of detecting a cancerous cell expressing
FT a polynucleotide (I) or a polypeptide (II) in a biological sample,
FT involving contacting the sample with a labelled polynucleotide
FT complementary to (I) or an antibody or its fragment that specifically
FT binds to (II), for a period sufficient to form a complex and detecting
FT the complex, so that if a complex is detected, the cell is detected. The
FT method is useful for detecting cancerous cell in a biological sample such
FT as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
FT fluid. The cancerous cell is from lung, brain, prostate, breast, skin, MCF
FT lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
FT -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGF
FT activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
FT complex formed.
XX Example 4; Fig 5; 78pp; English.
XX The invention describes a method of detecting a cancerous cell expressing
CC a polynucleotide (I) or a polypeptide (II) in a biological sample,
CC involving contacting the sample with a labelled polynucleotide
CC complementary to (I) or an antibody or its fragment that specifically
CC binds to (II), for a period sufficient to form a complex and detecting
CC the complex, so that if a complex is detected, the cell is detected. The
CC method is useful for detecting cancerous cell in a biological sample such
CC as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
CC fluid. The cancerous cell is from lung, brain, prostate, breast, skin, MCF
CC lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
CC -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGF
CC activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting

CC proliferation of a cancer cell. This is the amino acid sequence of the
CC novel human EGF (epidermal growth factor) motif containing protein
XX
SQ Sequence 553 AA;

Query Match 99.7%; Score 1926; DB 6; Length 553;
Best Local Similarity 99.7%; Pred. No. 1.4e-130;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLLSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLLPWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGCEVGNKRCRCPGGTGTCTSDVNECGMKPRPCOHRVCVNTGSKYKFC 120
DB 61 CEATCEPGCKFGCEVGNKRCRCPGGTGTCTSDVNECGMKPRPCOHRVCVNTGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCETEPEGQCLPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCETEPEGQCLPSSGLRLAPNGRCLDIDECAS 180

QY 181 GKVICPNRRVCNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRVCNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240

QY 241 GSFCKCKQKQYKGNLRCSAIPENSVEVLRAPTIKDKRIKLLAHKNSMKKAKIKNT 300
DB 241 GSFCKCKQKQYKGNLRCSAIPENSVEVLRAPTIKDKRIKLLAHKNSMKKAKIKNT 300

QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 54
ABU62258
ID ABU62258 standard; protein; 553 AA.

XX AC ABU62258;
XX DT 01-SEP-2003 (first entry)
XX DE Epidermal growth factor motif protein EGF6 #1.

XX Human; epidermal growth factor motif protein; EGF6; cytostatic;
KW neuroprotective; antibacterial; antiparasitic; antilipemic;
KW antinfertility; EGF-Agonist; EGF-Antagonist; cell growth; cancer;
KW neurodegenerative disorder; leukaemia; brain tumour; lung tumour;
KW breast tumour; gastrointestinal tumour; skin graft; prostate tumour;
KW carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;
XX OS Homo sapiens.

XX Key Location/Qualifiers
FH Misc-difference 357
FT /label= OTHER
FT /note= any amino acid

US2003036508-A1.
20-FEB-2003.
17-APR-2002; 2002US-00124986.
22-NOV-1997; 97US-00968800.
12-FEB-1999; 99US-00249697.
28-JUL-1999; 99US-00363316.
13-OCT-2000; 2000US-00687860.
15-OCT-2001; 2001US-00981649.

(FORD/) FORD J.
(YEUN/) YEUNG G.

PA (ZHOU/) ZHOU H.
XX Ford J, Yeung G, Zhou H;
XX WPI; 2003-492123/46.
XX N-PSDB; ACD25931.
XX Stimulating cell growth by contacting the cell with an EGF6 polypeptide,
XX useful for the diagnosis and treatment of cancers and neurodegenerative
XX disorders.
XX Example 3; Fig 4; 86pp; English.

XX The invention describes a method of stimulating cell growth comprising
XX contacting the cell with an EGF6 polypeptide having at least 90 %
XX sequence identity to a 553 amino acid sequence (S1), given in the
XX specification, or its variant and/or fragment lacking a C-terminal
XX portion of the EGF6 polypeptide. The methods and compositions of the
XX present invention are useful for the diagnosis and treatment of cancers
XX and neurodegenerative disorders by stimulating cell growth. The cancers
XX include leukaemia, brain, lung, breast, gastrointestinal, skin and
XX prostate tumours and carcinomas. They can also be used in inhibiting the
XX growth of infectious agents and parasites, effecting bodily
XX characteristics and biorhythms, effecting fertility, metabolism
XX catabolism and anabolism of fats, vitamins, proteins and minerals, and
XX effecting behavioural characteristics. This is the amino acid sequence of
XX novel human epidermal growth factor motif protein EGF6

XX Sequence 553 AA;
SQ

Query Match 99.7%; Score 1926; DB 6; Length 553;
Best Local Similarity 99.7%; Pred. No. 1.4e-130;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLLSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLLPWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGCEVGNKRCRCPGGTGTCTSDVNECGMKPRPCOHRVCVNTGSKYKFC 120
DB 61 CEATCEPGCKFGCEVGNKRCRCPGGTGTCTSDVNECGMKPRPCOHRVCVNTGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCETEPEGQCLPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCETEPEGQCLPSSGLRLAPNGRCLDIDECAS 180

QY 181 GKVICPNRRVCNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRVCNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240

QY 241 GSFCKCKQKQYKGNLRCSAIPENSVEVLRAPTIKDKRIKLLAHKNSMKKAKIKNT 300
DB 241 GSFCKCKQKQYKGNLRCSAIPENSVEVLRAPTIKDKRIKLLAHKNSMKKAKIKNT 300

QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 55
AAO15370
ID AAO15370 standard; protein; 554 AA.

XX AC AAO15370;
XX DT 19-SEP-2002 (first entry)
XX XX Human EGF motif-containing protein, SEQ ID No 30.
DE Human; epidermal growth factor motif; EGF motif; EGF6;
KW epithelial tissue growth; tissue repair; tissue regeneration;
KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;
KW nervous system disorder; infection; autoimmune disorder; inflammation;

KW multiple sclerosis; anaemia; periodontal disease; haemophilia;
KW fertility enhancement.
XX Homo sapiens.
XX WO2002030977-A2.
XX 18-APR-2002.
XX 15-OCT-2001; 2001WO-US032257.
XX 13-OCT-2000; 2000US-00687860.
XX (HYSE-) HYSEQ INC.
XX Asundi V, Ford JE, Drmanac RT, Liu C, Yamasaki V, Yeung G;
PI Tang TY, Zhang J, Zhou P, Zhou H;
XX WPI; 2002-426270/45.
XX N-PSDB; AAL43905.
XX Novel isolated epidermal growth factor motif polypeptide, termed EGFL6,
PT for treating cancer, nervous system disorders, immune deficiencies,
PT autoimmune disorders, coagulation disorders and inflammatory conditions.
XX Claim 19; Page 176-178; 183pp; English.
XX The invention comprises the amino acid and coding sequences of human
CC epidermal growth factor (EGF) motif-containing proteins (EGFL6 proteins).
CC The DNA and protein sequences of the invention are useful for inhibiting
CC the proliferation of cells expressing an EGFL6 protein. The DNA and
CC protein sequences of the invention are useful for stimulating epithelial
CC tissue growth, for tissue repair and regeneration, corneal transplant
CC healing, skin graft production and wound healing. The DNA and protein
CC sequences are useful for treating cancer, leukaemia, nervous system
CC disorders, infection, autoimmune disorders (e.g. multiple sclerosis),
CC anaemia, periodontal diseases, haemophilia, inflammatory conditions, and
CC for effecting bodily characteristics and fertility of male or female
CC subjects. The present amino acid sequence represents a human EGF motif-
CC containing protein
XX
SQ Sequence 554 AA;
Query Match 99.5%; Score 1920.5; DB 5; Length 554;
Best Local Similarity 99.7%; Pred. No. 3.4e-130;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;
QY 1 MFLPWSLALPILLSWVAGGFGNAASAR-HGILLASARQPGVCHYGTAKLACCYGRNRNSKG 59
DB 1 MFLPWSLALPILLSWVAGGFGNAASARHHGLLASARQPGVCHYGTAKLACCYGRNRNSKG 60
QY 60 VCEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRPCQHRVNTGSKYKCF 119
DB 61 VCEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRPCQHRVNTGSKYKCF 120
QY 120 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECA 179
DB 121 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECA 180
QY 180 SGKVICPYNRRVNTFGSYCKCHIGFELQVIGSYGDCIDINECTMDSHTCSSHANCNT 239
DB 181 SGKVICPYNRRVNTFGSYCKCHIGFELQVIGSYGDCIDINECTMDSHTCSSHANCNT 240
QY 240 QGSFKCKQKQKGLRCSAIPENSVEVLRAPTIKDRILKLLAHKNSMKKAKIKNV 299
DB 241 QGSFKCKQKQKGLRCSAIPENSVEVLRAPTIKDRILKLLAHKNSMKKAKIKNV 300
QY 300 TPEFTTRTPKVNLPFPNVEETVSRGNSHGKKGNEEK 338
DB 301 TPEFTTRTPKVNLPFPNVEETVSRGNSHGKKGNEEK 339

RESULT 56

ABG72944
ID ABG72944 standard; protein; 554 AA.
XX
XX AC ABG72944;
XX
XX DT 02-APR-2003 (first entry)
XX
XX DE Novel human EGF-motif containing protein associated protein #2.
XX
XX KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
XX cell proliferation inhibition; vaccine; antisense gene therapy; human.
XX
XX OS Homo sapiens.
XX
XX FN US2002132250-A1.
XX
XX PD 19-SEP-2002.
XX
XX PF 15-OCT-2001; 2001US-00981649.
XX
XX PR 28-JUL-1999; 99US-00363316.
XX
XX PR 13-OCT-2000; 2000US-00687860.
XX
XX PA (FORD/) FORD J E.
XX
XX PA (YEUN/) YEUNG G.
XX
XX PA (ZHOU/) ZHOU H.
XX
XX XX Ford JE, Yeung G, Zhou H;
PI WPI; 2003-174078/17.
XX
XX DR N-PSDB; ABX14783.
XX
XX PT Detecting cancerous cells expressing polynucleotides/polypeptides in
XX samples, by contacting samples with labeled polynucleotides complementary
XX to polynucleotide or an antibody against the polypeptide and detecting
XX complex formed.
XX
XX PS Disclosure; Page 65-66; 78pp; English.
XX
XX CC The invention describes a method of detecting a cancerous cell expressing
XX a polynucleotide (I) or a polypeptide (II) in a biological sample,
XX involving contacting the sample with a labelled polynucleotide
XX complementary to (I) or an antibody or its fragment that specifically
XX binds to (II), for a period sufficient to form a complex and detecting
XX the complex, so that if a complex is detected, the cell is detected. The
XX method is useful for detecting cancerous cell in a biological sample such
XX as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
XX fluid. The cancerous cell is from lung, brain, prostate, breast, skin, MCF
XX lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, PCF
XX -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFL6
XX activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
XX proliferation of a cancer cell. This is the amino acid sequence of a
XX novel human EGF (epidermal growth factor) motif containing protein
XX associated protein
XX
SQ Sequence 554 AA;
Query Match 99.5%; Score 1920.5; DB 6; Length 554;
Best Local Similarity 99.7%; Pred. No. 3.4e-130;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;
QY 1 MFLPWSLALPILLSWVAGGFGNAASAR-HGILLASARQPGVCHYGTAKLACCYGRNRNSKG 59
DB 1 MFLPWSLALPILLSWVAGGFGNAASARHHGLLASARQPGVCHYGTAKLACCYGRNRNSKG 60
QY 60 VCEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRPCQHRVNTGSKYKCF 119
DB 61 VCEATCEPGCKFGECVGNKRCFPFGYTGKTCSDVNECGMKPRPCQHRVNTGSKYKCF 120
QY 120 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECA 179

Db 121 CLSGHMLPDPATVNSRTCAMINCOYSCDTEBGPQCLPSSGLRLAPNGRDCLDIDECA 180
Qy 180 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCENT 239
Db 181 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCENT 240
Qy 240 QGSFKCKCKQGYKNGLRCSAIPENSVKVLRAPGTIKDRIKLLAHKNSMCKKAKIKNV 299
Db 241 QGSFKCKCKQGYKNGLRCSAIPENSVKVLRAPGTIKDRIKLLAHKNSMCKKAKIKNV 300
Qy 300 TPEPTRTPKVNLPNFNVEIIVSRGNSHGKKGNEEK 338
Db 301 TPEPTRTPKVNLPNFNVEIIVSRGNSHGKKGNEEK 339

RESULT 57
ABU62267
ID ABU62267 standard; protein; 554 AA.
XX AC ABU62267;
DT 01-SEP-2003 (first entry)
XX DE Novel epidermal growth factor motif protein EGFL6 related protein #2.
XX KW Human; epidermal growth factor motif protein; EGFL6; cytostatic;
KW neuroprotective; antibacterial; antiparasitic; antilipemic; cancer;
KW antiinfectility; EGF-Agonist; EGF-Antagonist; cell growth; lung tumour;
KW neurodegenerative disorder; leukaemia; brain tumour; lung tumour;
KW breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;
KW carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;
XX anabolism.

XX OS Homo sapiens.
XX PN US2003036508-A1.
XX PD 20-FEB-2003.
XX PF 17-APR-2002; 2002US-00124986.
XX PR 22-NOV-1997; 97US-00968800.
PR 12-FEB-1999; 99US-00249697.
PR 28-JUL-1999; 99US-00363316.
PR 13-OCT-2000; 2000US-00687860.
PR 15-OCT-2001; 2001US-00981649.
XX (FORD/) FORD J.
PA (YEUN/) YEUNG G.
PA (ZHOU/) ZHOU H.
XX Ford J, Yeung G, Zhou H;
XX WPI: 2003-492123/46.
XX DR N-PSDB; ACD25946.

XX PT Stimulating cell growth by contacting the cell with an EGFL6 polypeptide,
PT useful for the diagnosis and treatment of cancers and neurodegenerative
PT disorders.
XX PS Disclosure; Page 74-75; 86pp; English.
XX CC The invention describes a method of stimulating cell growth comprising
CC contacting the cell with an EGFL6 polypeptide having at least 90 %
CC sequence identity to a 553 amino acid sequence (S1), given in the
CC specification, or its variant and/or fragment lacking a C-terminal
CC portion of the EGFL6 polypeptide. The methods and compositions of the
CC present invention are useful for the diagnosis and treatment of cancers
CC and neurodegenerative disorders by stimulating cell growth. The cancers
CC include leukaemia, brain, lung, breast, gastrointestinal, skin and
CC prostate tumours and carcinomas. They can also be used in inhibiting the
CC growth of infectious agents and parasites, effecting bodily
CC characteristics and biorhythms, effecting fertility, metabolism

CC catabolism and anabolism of fats, vitamins, proteins and minerals, and
CC effecting behavioural characteristics. This is the amino acid sequence of
CC a novel human epidermal growth factor motif protein EGFL6 related protein
CC the DNA encoding which was assembled using EGF-receptor like protein
CC expressed sequence tags (EST's)
XX
SQ Sequence 554 AA;

Query Match 99.5%; Score 1920.5; DB 6; Length 554;
Best Local Similarity 99.7%; Pred. No. 3.4e-130;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;
Qy 1 MPLPWSIALPLLLSVVAGGFGNAASAR-HHGLASAROPGVCHYGTKLACCYGMWRNSKG 59
Db 1 MPLPWSIALPLLLSVVAGGFGNAASARHHGLASAROPGVCHYGTKLACCYGMWRNSKG 60
Qy 60 VCEATCEPGCKFGECVGNKRCFPGYTGKTCSQDVNCEGMKPRPCQHRCVNTHGSYKCF 119
Db 61 VCEATCEPGCKFGECVGNKRCFPGYTGKTCSQDVNCEGMKPRPCQHRCVNTHGSYKCF 120
Qy 120 CLSGHMLPDPATVNSRTCAMINCOYSCDTEBGPQCLPSSGLRLAPNGRDCLDIDECA 179
Db 121 CLSGHMLPDPATVNSRTCAMINCOYSCDTEBGPQCLPSSGLRLAPNGRDCLDIDECA 180
Qy 180 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCENT 239
Db 181 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCENT 240
Qy 240 QGSFKCKCKQGYKNGLRCSAIPENSVKVLRAPGTIKDRIKLLAHKNSMCKKAKIKNV 299
Db 241 QGSFKCKCKQGYKNGLRCSAIPENSVKVLRAPGTIKDRIKLLAHKNSMCKKAKIKNV 300
Qy 300 TPEPTRTPKVNLPNFNVEIIVSRGNSHGKKGNEEK 338
Db 301 TPEPTRTPKVNLPNFNVEIIVSRGNSHGKKGNEEK 339

RESULT 58
AAO15369
ID AAO15369 standard; protein; 559 AA.
XX AC AAO15369;
XX DT 19-SEP-2002 (first entry)
XX DE Human EGF motif-containing protein, SEQ ID No 28.
XX KW Human; epidermal growth factor motif; EGF motif; EGFL6;
KW epithelial tissue growth; tissue repair; tissue regeneration;
KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;
KW nervous system disorder; infection; autoimmune disorder; inflammation;
KW multiple sclerosis; anaemia; periodontal disease; haemophilia;
KW fertility enhancement.
XX OS Homo sapiens.
XX PN WO200230977-A2.
XX PD 18-APR-2002.
XX PF 15-OCT-2001; 2001WO-US032257.
XX PR 13-OCT-2000; 2000US-00687860.
XX (HYSE-) HYSEQ INC.
XX PA Asundi V, Ford JE, Dmanac RT, Liu C, Yamasaki V, Yeung G;
XX PI Tang TY, Zhang J, Zhou P, Zhou H;
XX DR WPI: 2002-426270/45.
XX DR N-PSDB; AAL43904.
XX PT Novel isolated epidermal growth factor motif polypeptide, termed EGFL6,

PT for treating cancer, nervous system disorders, immune deficiencies,
 PT autoimmune disorders, coagulation disorders and inflammatory conditions.
 PS Claim 18; Page 172-174; 183pp; English.

CC The invention comprises the amino acid and coding sequences of human
 CC epidermal growth factor (EGF) motif-containing proteins (EGF6 proteins).
 CC The DNA and protein sequences of the invention are useful for inhibiting
 CC the proliferation of cells expressing an EGF6 protein. The DNA and
 CC protein sequences of the invention are useful for stimulating epithelial
 CC tissue growth, for tissue repair and regeneration, corneal transplant
 CC healing, skin graft production and wound healing. The DNA and protein
 CC sequences are useful for treating cancer, leukaemia, nervous system
 CC disorders, infection, autoimmune disorders (e.g. multiple sclerosis),
 CC anaemia, periodontal diseases, haemophilia, inflammatory conditions, and
 CC for effecting bodily characteristics and fertility of male or female
 CC subjects. The present amino acid sequence represents a human EGF motif-
 CC containing protein

XX SQ Sequence 559 AA;

Query Match 99.3%; Score 1918; DB 5; Length 559;
 Best Local Similarity 98.3%; Pred. No. 5.2e-130;
 Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;
 QY 1 MPLPWSLALPLLSSWAGGFGNAASAR-----HHGLASARQPGVCHYGTKLACCYGWR 54
 DB 1 MPLPWSLALPLLSSWAGGFGNAASARGSHHHHHHGLASARQPGVCHYGTKLACCYGWR 60
 QY 55 RNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRVCVTHG 114
 DB 61 RNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRVCVTHG 120
 QY 115 SYKCFCLSGHMLPDPATCVNSRTCAMINQYSCDTEEGPQCLPSSGLRLAPNGRCLD 174
 DB 121 SYKCFCLSGHMLPDPATCVNSRTCAMINQYSCDTEEGPQCLPSSGLRLAPNGRCLD 180
 QY 175 IDECASGKVICPNRRVCVNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHHA 234
 DB 181 IDECASGKVICPNRRVCVNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHHA 240
 QY 235 NCFNTQSGFKCKQKQYKGNGLRCSAIPENSVEVLRAPGTIKRIKLLAHKNSMKKKA 294
 DB 241 NCFNTQSGFKCKQKQYKGNGLRCSAIPENSVEVLRAPGTIKRIKLLAHKNSMKKKA 300
 QY 295 KIKNVTPEPTRTTPKVNLPQPNFYIEIVSRGNSHGKKGNEEK 338
 DB 301 KIKNVTPEPTRTTPKVNLPQPNFYIEIVSRGNSHGKKGNEEK 344

RESULT 59
 ABG72943
 ID ABG72943 standard; protein; 559 AA.

XX ABG72943;

XX 02-APR-2003 (first entry)

XX DE Novel human EGF-motif containing protein associated protein #1.

XX KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
 KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
 KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
 KW cell proliferation inhibition; vaccine; antisense gene therapy; human.

OS Homo sapiens.

XX FN US2002132250-A1.

XX PD 19-SEP-2002.

XX PF 15-OCT-2001; 2001US-00981649.

PR 28-JUL-1999; 99US-00363316.
 PR 13-OCT-2000; 2000US-00687860.
 XX (FORD/) FORD J E.
 PA (YEUN/) YEUNG G.
 PA (ZHOU/) ZHOU H.

XX PI Ford JE, Yeung G, Zhou H;

XX WPI; 2003-174078/17.

DR N-PSDB; ABX14782.

XX Detecting cancerous cells expressing polynucleotides/polypeptides in
 PT samples, by contacting samples with labeled polynucleotides complementary
 PT to polynucleotide or an antibody against the polypeptide and detecting
 PT complex formed.

PS Disclosure; Page 61-62; 78pp; English.

XX The invention describes a method of detecting a cancerous cell expressing
 CC a polynucleotide (I) or a polypeptide (II) in a biological sample,
 CC involving contacting the sample with a labelled polynucleotide
 CC complementary to (I) or an antibody or its fragment that specifically
 CC binds to (II), for a period sufficient to form a complex and detecting
 CC the complex, so that if a complex is detected, the cell is detected. The
 CC method is useful for detecting cancerous cell in a biological sample such
 CC as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
 CC fluid. The cancerous cell is from lung, brain, prostate, breast, skin,
 CC lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
 CC -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGF6,
 CC activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
 CC proliferation of a cancer cell. This is the amino acid sequence of a
 CC novel human EGF (epidermal growth factor) motif containing protein
 CC associated protein

XX SQ Sequence 559 AA;

Query Match 99.3%; Score 1918; DB 6; Length 559;
 Best Local Similarity 98.3%; Pred. No. 5.2e-130;
 Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;
 QY 1 MPLPWSLALPLLSSWAGGFGNAASAR-----HHGLASARQPGVCHYGTKLACCYGWR 54
 DB 1 MPLPWSLALPLLSSWAGGFGNAASARGSHHHHHHGLASARQPGVCHYGTKLACCYGWR 60
 QY 55 RNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRVCVTHG 114
 DB 61 RNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRVCVTHG 120
 QY 115 SYKCFCLSGHMLPDPATCVNSRTCAMINQYSCDTEEGPQCLPSSGLRLAPNGRCLD 174
 DB 121 SYKCFCLSGHMLPDPATCVNSRTCAMINQYSCDTEEGPQCLPSSGLRLAPNGRCLD 180
 QY 175 IDECASGKVICPNRRVCVNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHHA 234
 DB 181 IDECASGKVICPNRRVCVNTFGSYCKHIGFELQYISGRYDCIDINECTWDSHTCSHHA 240
 QY 235 NCFNTQSGFKCKQKQYKGNGLRCSAIPENSVEVLRAPGTIKRIKLLAHKNSMKKKA 294
 DB 241 NCFNTQSGFKCKQKQYKGNGLRCSAIPENSVEVLRAPGTIKRIKLLAHKNSMKKKA 300
 QY 295 KIKNVTPEPTRTTPKVNLPQPNFYIEIVSRGNSHGKKGNEEK 338
 DB 301 KIKNVTPEPTRTTPKVNLPQPNFYIEIVSRGNSHGKKGNEEK 344

RESULT 60
 ABU62266
 ID ABU62266 standard; protein; 559 AA.

XX AC ABU62266;

XX DT 01-SEP-2003 (first entry)

XX DE Novel epidermal growth factor motif protein EGFL6 related protein #1.
 XX KW Human: epidermal growth factor motif protein; EGFL6; cytostatic;
 XX KW neuroprotective; antibacterial; antiparasitic; antilipemic;
 XX KW antifertility; EGF-Agonist; EGF-Antagonist; cell growth; cancer;
 XX KW neurodegenerative disorder; leukaemia; brain tumour; lung tumour;
 XX KW breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;
 XX KW carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;
 XX KW anabolism.
 XX OS Homo sapiens.
 XX FN US2003036508-A1.
 XX PD 20-FEB-2003.
 XX PF 17-APR-2002; 2002US-00124986.
 XX PR 22-NOV-1997; 97US-00968800.
 XX PR 12-FEB-1999; 99US-00249697.
 XX PR 28-JUL-1999; 99US-00363316.
 XX PR 13-OCT-2000; 2000US-00687860.
 XX PR 15-OCT-2001; 2001US-00981649.
 XX PA (FORD/) FORD J.
 XX PA (YEUN/) YEUNG G.
 XX PA (ZHOU/) ZHOU H.
 XX PI Ford J, Yeung G, Zhou H;
 XX DR WPI: 2003-492123/46.
 XX DR N-PSDB; ACD25945.
 XX ST Stimulating cell growth by contacting the cell with an EGFL6 polypeptide,
 XX PT useful for the diagnosis and treatment of cancers and neurodegenerative
 XX PT disorders.
 XX PS Disclosure; Page 70-71; 86pp; English.
 XX CC The invention describes a method of stimulating cell growth comprising
 XX CC contacting the cell with an EGFL6 polypeptide having at least 90 %
 XX CC sequence identity to a 553 amino acid sequence (S1), given in the
 XX CC specification, or its variant and/or fragment lacking a C-terminal
 XX CC portion of the EGFL6 polypeptide. The methods and compositions of the
 XX CC present invention are useful for the diagnosis and compositions of cancers
 XX CC and neurodegenerative disorders by stimulating cell growth. The cancers
 XX CC include leukaemia, brain, lung, breast, gastrointestinal, skin and
 XX CC prostate tumours and carcinomas. They can also be used in inhibiting the
 XX CC growth of infectious agents and parasites, effecting fertility, metabolism
 XX CC characteristics and biorhythms, effecting fat, vitamins, proteins and minerals, and
 XX CC catabolism and anabolism of fats, vitamins, proteins and minerals, and
 XX CC effecting behavioural characteristics. This is the amino acid sequence of
 XX CC a novel human epidermal growth factor motif protein EGFL6 related protein
 XX CC the DNA encoding which was assembled using EGF-receptor like protein
 XX CC expressed sequence tags (EST's)
 XX SQ Sequence 559 AA;

Query Match 99.3%; Score 1918; DB 6; Length 559;
 Best Local Similarity 98.3%; Pred. No. 5.2e-130;
 Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;

QY 1 MPLPWSLALPLLSSWAGGFGNAASAR-----HGLLASARQPGVCHYGTKLACCYGNR 54
 DB 1 MPLPWSLALPLLSSWAGGFGNAASARSHHHHHHGLLASARQPGVCHYGTKLACCYGNR 60
 QY 55 RNSKGVCEATCEPCCKEVCVGNKRCFPYGTGKTCSDQVNECGMKRPPCOHRCVNTHG 114
 DB 61 RNSKGVCEATCEPCCKEVCVGNKRCFPYGTGKTCSDQVNECGMKRPPCOHRCVNTHG 120
 QY 115 SYKFCFLSGHMLPDPATCVNSRTCAMINQYSCBDETEGQCCLPSSGLRLAPNGRCLD 174

DB 121 SYKFCFLSGHMLPDPATCVNSRTCAMINQYSCBDETEGQCCLPSSGLRLAPNGRCLD 180
 QY 175 IDECASGKVICPYNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHHA 234
 DB 181 IDECASGKVICPYNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHHA 240
 QY 235 NCFNTQGSFKCKCKQYKGNGLRCSAIPENSVKVLRAPGFIKDRIKKLLAHKNSMKKKA 294
 DB 241 NCFNTQGSFKCKCKQYKGNGLRCSAIPENSVKVLRAPGFIKDRIKKLLAHKNSMKKKA 300
 QY 295 KIKNVTPTPTPTPTKPNLQPNFYEEIVSRGNSHGKKGNEEK 338
 DB 301 KIKNVTPTPTPTPTKPNLQPNFYEEIVSRGNSHGKKGNEEK 344

RESULT 61
 AAY18108
 ID AAY18108 standard; protein; 553 AA.
 XX AC AAY18108;
 XX DT 10-AUG-1999 (first entry)
 XX DE Protein encoded by cDNA insert of clone pEGFR-HY2.
 XX KW Epidermal growth factor; EGF repeat domain; haematopoiesis regulator;
 XX KW tissue growth activity; activin; inhibitor; chemotaxis; chemokinesis;
 XX KW haemostasis; thrombolysis; anti-inflammatory; leukaemia; anaemia;
 XX KW immune disorder; immune deficiency; nervous system disorder; therapy.
 XX OS Synthetic.
 XX PN WO9927096-A1.
 XX PD 03-JUN-1999.
 XX PF 23-NOV-1998; 98WO-US024524.
 XX PR 22-NOV-1997; 97US-00968800.
 XX PA (HYSE-) HYSEQ INC.
 XX PI Drmanac RT, Crkvenjakov R, Dickson M, Drmanac S, Labat I;
 XX PI Leshkowitz D, Kita D, Ford J;
 XX DR WPI: 1999-370904/31.
 XX DR N-PSDB; AAX79501.
 XX PT New polypeptide with epidermal growth factor repeat domains.
 XX PS Claim 8; Fig 5; 96pp; English.
 XX CC This sequence represents a polypeptide of the invention, which has
 XX CC similarity to epidermal growth factor (EGF) repeat domains. The
 XX CC polypeptides and their compositions may have haematopoiesis regulating,
 XX CC tissue growth, activin/inhibin, chemotactic/chemokinetic, haemostatic,
 XX CC thrombolytic, receptor/ligand and anti-inflammatory activities. They may
 XX CC be used to treat leukaemias, anaemias, immune disorders and deficiencies
 XX CC and nervous system disorders. They can be used in screening assays to
 XX CC identify agents which bind to them and the nucleotide sequences can be
 XX CC used as probes for in situ hybridisation. The polypeptides and their
 XX CC polynucleotides can also be used for other therapeutic, diagnostic and
 XX CC research utilities
 XX SQ Sequence 553 AA;

Query Match 99.2%; Score 1916; DB 2; Length 553;
 Best Local Similarity 99.4%; Pred. No. 7.2e-130;
 Matches 336; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGNRNSKGV 60
 DB 1 MPLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGNRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKRPPCQHRVCVNTGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKRPPCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPMDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGRLAPNGRCLDIDECAS 180
Db 121 LSGHMLPMDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHANCFTNQ 240
Db 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHANCFTNQ 240
QY 241 GSFCKCKQYKNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKGNEEK 338
RESULT 62
AAM23677
ID AAM23677 standard; protein; 331 AA.
AC AAM23677;
XX
DT 12-OCT-2001 (first entry)
XX
DE Human EST encoded protein SEQ ID NO: 1202.
XX
KW Human; sheep; pig; cow; fruit fly; yeast; hamster; macaque; horse;
KW tomato; monkey; dog; sea urchin; expressed sequence tag; EST;
KW diagnostics; forensic test; gene mapping; genetic disorder; biodiversity;
KW gene therapy; nutrition.
XX
OS Homo sapiens.
XX
FN WO200154477-A2.
XX
PD 02-AUG-2001.
XX
PF 25-JAN-2001; 2001WO-US002687.
XX
PR 25-JAN-2000; 2000US-00491404.
PR 17-JUL-2000; 2000US-00617746.
PR 03-AUG-2000; 2000US-00631451.
PR 15-SEP-2000; 2000US-00663870.
XX
PA (HYSE-) HYSEQ INC.
XX
PI Tang YT, Liu C, Zhou P, Qian XB, Wang Z, Chen R, Asundi V;
PI Cao Y, Drmanac RA, Zhang J, Werhman T;
XX
DR WPI; 2001-476164/51.
DR N-PSDB; AAH98336.
XX
PT Isolated polypeptide for treatment of diseases, diagnostics, raising
PT antibodies and research use.
XX
PS Claim 20; Page 868-869; 1275pp; English.
XX
CC The present invention provides the protein and coding sequences of novel
CC proteins from a variety of organisms, including human, dog, cat, horse,
CC cow, pig, hamster, monkey, macaque, yeast, bacteria, fruit fly, sea
CC urchin and tomato. These were derived from expressed sequence tags (ESTs)
CC from the organism of interest. They can be used in diagnostics,
CC forensics, gene mapping, identification of mutations, to assess
CC biodiversity and for nutritional purposes. The present sequence is a
CC protein of the invention
XX
SQ Sequence 331 AA;

Query Match 98.1%; Score 1894; DB 4; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.6e-128;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPELPWLSIALPLLLSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPELPWLSIALPLLLSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKRPPCQHRVCVNTGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKRPPCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPMDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGRLAPNGRCLDIDECAS 180
Db 121 LSGHMLPMDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHANCFTNQ 240
Db 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHANCFTNQ 240
QY 241 GSFCKCKQYKNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKGNEEK 331
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKGNEEK 331
RESULT 63
AAM15367
ID AAM15367 standard; protein; 502 AA.
AC AAM15367;
XX
DT 19-SEP-2002 (first entry)
XX
DE Human EGF motif-containing protein, SEQ ID No 18.
XX
KW Human; epidermal growth factor motif; EGF motif; EGFL6;
KW epithelial tissue growth; tissue repair; tissue regeneration;
KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;
KW nervous system disorder; infection; autoimmune disorder; inflammation;
KW multiple sclerosis; anaemia; periodontal disease; haemophilia;
KW fertility enhancement.
XX
OS Homo sapiens.
XX
FH Key Location/Qualifiers
FT Misc-difference 501
FT Misc-difference /note= "Encoded by GAN"
FT Misc-difference 502
FT Misc-difference /note= "Encoded by NNC"
XX
PN WO200230977-A2.
XX
PD 18-APR-2002.
XX
PF 15-OCT-2001; 2001WO-US032257.
XX
PR 13-OCT-2000; 2000US-00687860.
XX
PA (HYSE-) HYSEQ INC.
XX
PI Asundi V, Ford JE, Drmanac RT, Liu C, Yamasaki V, Yeung G;
PI Tang YT, Zhang J, Zhou P, Zhou H;
XX
DR WPI; 2002-426270/45.
DR N-PSDB; AAL43889.
XX
PT Novel isolated epidermal growth factor motif polypeptide, termed EGFL6,
PT for treating cancer, nervous system disorders, immune deficiencies,

PT autoimmune disorders, coagulation disorders and inflammatory conditions.

PS Disclosure; Page 162-163; 183pp; English.

XX The invention comprises the amino acid and coding sequences of human
 CC epidermal growth factor (EGF) motif-containing proteins (EGF6 proteins).
 CC The DNA and protein sequences of the invention are useful for inhibiting
 CC the proliferation of cells expressing an EGF6 protein. The DNA and
 CC protein sequences of the invention are useful for stimulating epithelial
 CC tissue growth, for tissue repair and regeneration, corneal transplant
 CC healing, skin graft production and wound healing. The DNA and protein
 CC sequences are useful for treating cancer, leukaemia, nervous system
 CC disorders, infection, autoimmune disorders (e.g. multiple sclerosis),
 CC anaemia, periodontal diseases, haemophilia, inflammatory conditions, and
 CC for effecting bodily characteristics and fertility of male or female
 CC subjects. The present amino acid sequence represents a human EGF motif-
 CC containing protein

XX SQ Sequence 502 AA;

Query Match 85.2%; Score 1646; DB 5; Length 502;
 Best Local Similarity 100.0%; Pred. No. 1.8e-110; Indels 0; Gaps 0;
 Matches 287; Conservative 0; Mismatches 0;
 QY 52 GWRNSKGVCEATCEPCGCKFGEVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRV 111
 Db 1 GWRNSKGVCEATCEPCGCKFGEVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRV 60
 QY 112 THGSYKFCFLSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRD 171
 Db 61 THGSYKFCFLSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRD 120
 QY 172 CLDIDECASGKVICPNRRVCVNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCS 231
 Db 121 CLDIDECASGKVICPNRRVCVNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCS 180
 QY 232 HHANCFTQSGFKCKQGYKGNLRCSPAIPNSVKEVLRAPGTIKDRIKKLLAHKNSMK 291
 Db 181 HHANCFTQSGFKCKQGYKGNLRCSPAIPNSVKEVLRAPGTIKDRIKKLLAHKNSMK 240
 QY 292 KKAKIKNVTPETRTPTPKVNLQPFNYBEIVSRGNSHGKKGNEEK 338
 Db 241 KKAKIKNVTPETRTPTPKVNLQPFNYBEIVSRGNSHGKKGNEEK 287

RESULT 64

AAE26499
 ID AAE26499 standard; protein; 502 AA.

AC AAE26499;

DT 13-DEC-2002 (first entry)

DE Human epidermal growth factor (EGF)-repeat containing protein #2.

XX Human; antibody; epidermal growth factor; EGF repeat; brain tumour;
 XX nervous disorder; ulcer; leukaemia.

OS Homo sapiens.

XX Key Location/Qualifiers

FT Misc-difference 84

FT /note= "Amino acid Xaa is present at this position in the
 sequence shown in column 59-62 of the specification"

FT Misc-difference 501

FT /label= Unknown

FT /note= "Xaa can be any amino acid"

FT Misc-difference 502

FT /label= Unknown

FT /note= "Xaa can be any amino acid"

XX US6392019-B1.

XX

PD 21-MAY-2002.
 XX
 PF 28-JUL-1999; 99US-00363316.
 XX
 PR 22-NOV-1997; 97US-00968800.
 PR 12-FEB-1999; 99US-00249697.
 XX
 PA (FORD/) FORD J.
 PA (YEUN/) YEUNG G.
 XX
 PI Ford J, Yeung G;
 XX
 DR WPI; 2002-424836/45.
 DR N-PSDB; AAD44331.
 XX
 PT Novel antibody specific for an epidermal growth factor repeat-containing
 PT polypeptide, useful for the diagnosis of brain tumors, ulcers, leukemias,
 PT and nervous disorders.
 XX
 PS Disclosure; Col 81-84; 92pp; English.
 XX
 CC The invention relates to an antibody specific for a 537 residue epidermal
 CC growth factor (EGF) repeat-containing polypeptide sequence. The invention
 CC is used for detecting the presence of EGF repeat containing polypeptides
 CC in a sample, in the diagnosis of brain tumors, nervous disorders,
 CC ulcers, and leukemias. The present sequence is human EGF-repeat
 CC containing protein
 XX
 SQ Sequence 502 AA;

Query Match 85.2%; Score 1646; DB 5; Length 502;
 Best Local Similarity 100.0%; Pred. No. 1.8e-110;
 Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 52 GWRNSKGVCEATCEPCGCKFGEVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRV 111
 Db 1 GWRNSKGVCEATCEPCGCKFGEVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRV 60
 QY 112 THGSYKFCFLSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRD 171
 Db 61 THGSYKFCFLSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRD 120
 QY 172 CLDIDECASGKVICPNRRVCVNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCS 231
 Db 121 CLDIDECASGKVICPNRRVCVNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCS 180
 QY 232 HHANCFTQSGFKCKQGYKGNLRCSPAIPNSVKEVLRAPGTIKDRIKKLLAHKNSMK 291
 Db 181 HHANCFTQSGFKCKQGYKGNLRCSPAIPNSVKEVLRAPGTIKDRIKKLLAHKNSMK 240
 QY 292 KKAKIKNVTPETRTPTPKVNLQPFNYBEIVSRGNSHGKKGNEEK 338
 Db 241 KKAKIKNVTPETRTPTPKVNLQPFNYBEIVSRGNSHGKKGNEEK 287

RESULT 65

ABG72941

ID ABG72941 standard; protein; 502 AA.

AC ABG72941;

DT 02-APR-2003 (first entry)

DE Novel human EGF-motif containing protein fragment #3.

XX EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
 KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
 KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;
 KW cell proliferation inhibition; vaccine; antisense gene therapy; human.

OS Homo sapiens.

XX Key Location/Qualifiers

XX

FT	Misc-difference 501
FT	/label= OTHER
FT	/note= "OTHER= Any amino acid"
FT	Misc-difference 502
FT	/label= OTHER
FT	/note= "OTHER= Any amino acid"
XX	
PN	US2002132250-A1.
PD	
PP	19-SEP-2002.
XX	
PP	15-OCT-2001; 2001US-00981649.
XX	
PR	28-JUL-1999; 99US-00363316.
PR	13-OCT-2000; 2000US-00887860.
XX	(FORD/) FORD J E.
PA	(YEUN/) YEUNG G.
PA	(ZHOU/) ZHOU H.
XX	
PI	Ford JE, Yeung G, Zhou H;
XX	
DR	WPI; 2003-174078/17.
XX	
PT	Detecting cancerous cells expressing polynucleotides/polypeptides in
PT	samples, by contacting samples with labeled polynucleotides complementary
PT	to polynucleotide or an antibody against the polypeptide and detecting
PT	complex formed.
PS	Disclosure, Page 53-54; 78pp; English.
XX	
CC	The invention describes a method of detecting a cancerous cell expressing
CC	a polynucleotide (I) or a polypeptide (II) in a biological sample,
CC	involving contacting the sample with a labelled polynucleotide
CC	complementary to (I) or an antibody or its fragment that specifically
CC	binds to (II), for a period sufficient to form a complex and detecting
CC	the complex, so that if a complex is detected, the cell is detected. The
CC	method is useful for detecting cancerous cell in a biological sample such
CC	as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
CC	fluid. The cancerous cell is from lung, brain, prostate, breast, skin,
CC	lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
CC	-7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFL6
CC	activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
CC	proliferation of a cancer cell. This is the amino acid sequence of a
CC	novel human EGF (epidermal growth factor) motif containing protein
XX	
SQ	Sequence 502 AA;
	Query Match 85.2%; Score 1646; DB 6; Length 502;
	Best Local Similarity 100.0%; Pred. No. 1.8e-110;
	Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0
Qy	52 GWRRNSKGVCETATCPGGKFGECVGNPKRCFPFYGTGKTCSQDVNCGMKRPPCQHRCVN 111
Db	1 GWRRNSKGVCETATCPGGKFGECVGNPKRCFPFYGTGKTCSQDVNCGMKRPPCQHRCVN 60
Qy	112 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCEDTBEGPQCICPSSGLRLAPNGRD 171
Db	61 THGSYKCFCLSGHMLYPDATCVNSRTCAVINCOYSCEDTBEGPQCICPSSGLRLAPNGED 120
Qy	172 CLDIDECASGVICPYNNRRCVNTFGSYCYCKCHIGFELQYISGRYDCIDINECTMSHTCS 231
Db	121 CLDIDECASGVICPYNNRRCVNTFGSYCYCKCHIGFELQYISGRYDCIDINECTMSHTCS 180
Qy	232 HHANCFNTGSKFKCKQGYKNGLRCSAIPENSVKEVLRAPGTIKDKRIKCLLAHKNSMK 291
Db	181 HHANCFNTGSKFKCKQGYKNGLRCSAIPENSVKEVLRAPGTIKDKRIKCLLAHKNSMK 240
Qy	292 KKAKIKNVTPETRPPTPKVNIOPFNVEEIVSRGNSHGKKGNEEK 338
Db	241 KKAKIKNVTPETRPPTPKVNIOPFNVEEIVSRGNSHGKKGNEEK 287

Query Match 85.2%; Score 1646; DB 6; Length 502;
Best Local Similarity 100.0%; Pred. No. 1.8e-110;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 GWRNSKGVCEATCEGCKFGCEGVGNKRCRCPGVTGKTCSDVNECGMKPRPCQHRCVN 111
DB 1 GWRNSKGVCEATCEGCKFGCEGVGNKRCRCPGVTGKTCSDVNECGMKPRPCQHRCVN 60

QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGLRLAPNGRD 120

QY 172 CLDIDECASGKVICPNRRCVNTFGSYCKCHIGPELQYISGRYDCIDINECTWDSHTCS 231
DB 121 CLDIDECASGKVICPNRRCVNTFGSYCKCHIGPELQYISGRYDCIDINECTWDSHTCS 180

QY 232 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEVLRAPTIKRIKLLAHKNSMK 291
DB 181 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEVLRAPTIKRIKLLAHKNSMK 240

QY 292 KKAKIKNVTPEPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 241 KKAKIKNVTPEPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 287

RESULT 67

AA015360
ID AAY18110 standard; protein; 537 AA.

XX AAY18110;

XX 10-AUG-1999 (first entry)

XX Protein encoded by fragment of cDNA insert of clone pEGFR-HY2.

XX Epidermal growth factor; EGF repeat domain; haematopoiesis regulator;
XX tissue growth activity; activin; inhibin; chemotaxis; chemokinesis;
XX haemostasis; thrombolysis; anti-inflammatory; leukaemia; anaemia;
XX immune disorder; immune deficiency; nervous system disorder; therapy.

XX Synthetic.

XX WO9927096-A1.

XX 03-JUN-1999.

XX 23-NOV-1998; 98WO-US024524.

XX 22-NOV-1997; 97US-00968800.

XX (HYSE-) HYSEQ INC.

XX Drmanac RT, Crkvenjakov R, Dickson M, Drmanac S, Labat I;

XX Leshkowitz D, Kita D, Ford J;

XX WPI; 1999-370904/31.

XX N-PSDB; AAX79503.

XX New polypeptide with epidermal growth factor repeat domains.

XX Claim 21; Fig 3; 96pp; English.

XX This sequence represents a polypeptide of the invention, which has
XX similarity to epidermal growth factor (EGF) repeat domains. The
XX polypeptides and their compositions may have haematopoiesis regulating,
XX tissue growth, activin/inhibin, chemotactic/chemokinetic, haemostatic,
XX thrombolytic, receptor/ligand and anti-inflammatory activities. They may
XX be used to treat leukaemias, anaemias, immune disorders and deficiencies
XX and nervous system disorders. They can be used in screening assays to
XX identify agents which bind to them and the nucleotide sequences can be
XX used as probes for in situ hybridisation. The polypeptides and their
XX polynucleotides can also be used for other therapeutic, diagnostic and
XX research utilities

XX SQ Sequence 537 AA;

Query Match 85.2%; Score 1646; DB 2; Length 537;
Best Local Similarity 100.0%; Pred. No. 2e-110;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 GWRNSKGVCEATCEGCKFGCEGVGNKRCRCPGVTGKTCSDVNECGMKPRPCQHRCVN 111
DB 1 GWRNSKGVCEATCEGCKFGCEGVGNKRCRCPGVTGKTCSDVNECGMKPRPCQHRCVN 60

QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGLRLAPNGRD 120

QY 172 CLDIDECASGKVICPNRRCVNTFGSYCKCHIGPELQYISGRYDCIDINECTWDSHTCS 231
DB 121 CLDIDECASGKVICPNRRCVNTFGSYCKCHIGPELQYISGRYDCIDINECTWDSHTCS 180

QY 232 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEVLRAPTIKRIKLLAHKNSMK 291
DB 181 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEVLRAPTIKRIKLLAHKNSMK 240

QY 292 KKAKIKNVTPEPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 241 KKAKIKNVTPEPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 287

RESULT 68

AA015360

ID AAO15360 standard; protein; 537 AA.

XX AAO15360;

XX 19-SEP-2002 (first entry)

XX Human EGF motif-containing protein, SEQ ID No 4.

XX Human; epidermal growth factor motif; EGF motif; EGFL6;
XX epithelial tissue growth; tissue repair; tissue regeneration;
XX corneal transplant healing; skin graft; wound healing; cancer; leukaemia;
XX nervous system disorder; infection; autoimmune disorder; inflammation;
XX multiple sclerosis; anaemia; periodontal disease; haemophilia;
XX fertility enhancement.

XX Homo sapiens.

XX Key Location/Qualifiers

XX Misc-difference 501

XX Misc-difference 502

XX Misc-difference 503

XX Misc-difference 503

XX W0200230977-A2.

XX 18-APR-2002.

XX 15-OCT-2001; 2001WO-US032257.

XX 13-OCT-2000; 2000US-00687860.

XX (HYSE-) HYSEQ INC.

XX Asundi V, Ford JB, Drmanac RT, Liu C, Yamasaki V, Yeung G;

XX Tang TY, Zhang J, Zhou P, Zhou H;

XX WPI; 2002-426270/45.

XX N-PSDB; AAL43889.

XX Novel isolated epidermal growth factor motif polypeptide, termed EGFL6,
XX for treating cancer, nervous system disorders, immune deficiencies,
XX

PT autoimmune disorders, coagulation disorders and inflammatory conditions.
 XX Example 1; Fig 3; 183pp; English.
 XX The invention comprises the amino acid and coding sequences of human
 CC epidermal growth factor (EGF) motif-containing proteins (EGF6 proteins).
 CC The DNA and protein sequences of the invention are useful for inhibiting
 CC the proliferation of cells expressing an EGF6 protein. The DNA and
 CC protein sequences of the invention are useful for stimulating epithelial
 CC tissue growth, for tissue repair and regeneration, corneal transplant
 CC healing, skin graft production and wound healing. The DNA and protein
 CC sequences are useful for treating cancer, leukaemia, nervous system
 CC disorders, infection, autoimmune disorders (e.g. multiple sclerosis),
 CC anaemia, periodontal diseases, haemophilia, inflammatory conditions, and
 CC for effecting bodily characteristics and fertility of male or female
 CC subjects. The present amino acid sequence represents a human EGF motif-
 CC containing protein
 XX Sequence 537 AA;

Query Match 85.2%; Score 1646; DB 5; Length 537;
 Best Local Similarity 100.0%; Pred. No. 2e-110;
 Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 52 GWRNSKGVCEATCEPGCKFGECVGNKRCFPYTGKTCSDQVNECGMKPRPCQHRV 111
 Db 1 GWRNSKGVCEATCEPGCKFGECVGNKRCFPYTGKTCSDQVNECGMKPRPCQHRV 60
 Qy 112 THGSYKFCFLSGHMLPDPATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRD 171
 Db 61 THGSYKFCFLSGHMLPDPATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRD 120
 Qy 172 CLDIDECASGVICPYNRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCS 231
 Db 121 CLDIDECASGVICPYNRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCS 180
 Qy 232 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEKVLRAFGTIKDRIKKLLAHKNSMK 291
 Db 181 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEKVLRAFGTIKDRIKKLLAHKNSMK 240
 Qy 292 KKAKIKNVTPEPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK 338
 Db 241 KKAKIKNVTPEPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK 287

RESULT 69
 AAE26498
 ID AAE26498 standard; protein; 537 AA.
 XX
 AC AAE26498;
 XX
 DT 13-DEC-2002 (first entry)
 XX
 DE Human epidermal growth factor (EGF)-repeat containing protein #3.
 XX
 KW Human; antibody; epidermal growth factor; EGF repeat; brain tumour;
 KW nervous disorder; ulcer; leukaemia.
 XX

OS Homo sapiens.
 XX
 XX Key Location/Qualifiers
 FH Misc-difference 503
 FT /label= Unknown
 FT /note= "Xaa can be any amino acid"

FN USG392019-B1.
 XX
 XX 21-MAY-2002.
 XX
 XX 28-JUL-1999; 99US-00363316.
 XX
 XX 22-NOV-1997; 97US-00368800.
 PR 12-FEB-1999; 99US-00249697.

XX (FORD/) FORD J.
 PA (YEUN/) YEUNG G.
 XX
 XX Ford J, Yeung G;
 XX WPI; 2002-424836/45.
 DR
 XX Novel antibody specific for an epidermal growth factor repeat-containing
 PT polypeptide, useful for the diagnosis of brain tumors, ulcers, leukemias,
 PT and nervous disorders.
 XX
 XX Claim 1; Fig 3; 92pp; English.
 PS
 XX The invention relates to an antibody specific for a 537 residue epidermal
 CC growth factor (SGF) repeat-containing polypeptide sequence. The invention
 CC is used for detecting the presence of EGF repeat containing polypeptides
 CC in a sample, in the diagnosis of brain tumours, nervous disorders,
 CC ulcers, and leukemias. The present sequence is human EGF-repeat
 CC containing protein
 XX Sequence 537 AA;

Query Match 85.2%; Score 1646; DB 5; Length 537;
 Best Local Similarity 100.0%; Pred. No. 2e-110;
 Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 52 GWRNSKGVCEATCEPGCKFGECVGNKRCFPYTGKTCSDQVNECGMKPRPCQHRV 111
 Db 1 GWRNSKGVCEATCEPGCKFGECVGNKRCFPYTGKTCSDQVNECGMKPRPCQHRV 60
 Qy 112 THGSYKFCFLSGHMLPDPATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRD 171
 Db 61 THGSYKFCFLSGHMLPDPATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRD 120
 Qy 172 CLDIDECASGVICPYNRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCS 231
 Db 121 CLDIDECASGVICPYNRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCS 180
 Qy 232 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEKVLRAFGTIKDRIKKLLAHKNSMK 291
 Db 181 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEKVLRAFGTIKDRIKKLLAHKNSMK 240
 Qy 292 KKAKIKNVTPEPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK 338
 Db 241 KKAKIKNVTPEPTPTPKVNLQPFNVEEIVSRGNSHGKKGNEEK 287

RESULT 70
 ABG72934
 ID ABG72934 standard; protein; 537 AA.
 XX
 AC ABG72934;
 XX
 DT 02-APR-2003 (first entry)
 XX
 DE Novel human EGF-motif containing protein fragment #2.

XX EGF; epidermal growth factor; cancer; lung cancer; brain cancer;
 KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;
 KW sarcoma cancer; colon cancer; tumourigenicity; tumour site reduction;
 KW cell proliferation inhibition; vaccine; antisense gene therapy; human.
 XX

OS Homo sapiens.
 XX
 XX Key Location/Qualifiers
 FH Misc-difference 501
 FT /note= "Encoded by GAN"
 FT Misc-difference 502
 FT /note= "Encoded by NNC"
 FT Misc-difference 503
 FT /note= "Encoded by TGA"

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PN US2002132250-A1.
XX 19-SEP-2002.
XX
XX 15-OCT-2001; 2001US-00981649.
XX
XX 28-JUL-1999; 99US-00363316.
XX
XX 13-OCT-2000; 2000US-00687860.
XX
XX (FORD/) FORD J E.
XX
XX (YEUN/) YEUNG G.
XX
XX (ZHOU/) ZHOU H.
XX
XX Ford JE, Yeung G, Zhou H;
XX
XX WPI: 2003-174078/17.
XX
XX N-PSDB; ABX14767.
XX
XX Detecting cancerous cells expressing polynucleotides/polypeptides in
XX samples, by contacting samples with labeled polynucleotides complementary
XX to polynucleotide or an antibody against the polypeptide and detecting
XX complex formed.
XX
XX Example 1; Fig 3; 78pp; English.
XX
XX The invention describes a method of detecting a cancerous cell expressing
XX a polynucleotide (I) or a polypeptide (II) in a biological sample,
XX involving contacting the sample with a labelled polynucleotide
XX complementary to (I) or an antibody or its fragment that specifically
XX binds to (II), for a period sufficient to form a complex and detecting
XX the complex, so that if a complex is detected, the cell is detected. The
XX method is useful for detecting cancerous cell in a biological sample such
XX as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal
XX fluid. The cancerous cell is from lung, brain, prostate, breast, skin,
XX lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF
XX -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFL6
XX activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting
XX proliferation of a cancer cell. This is the amino acid sequence of a
XX novel human EGF (epidermal growth factor) motif containing protein
XX fragment
XX
XX Sequence 537 AA;
XX
XX Query Match 85.2%; Score 1646; DB 6; Length 537;
XX Best Local Similarity 100.0%; Pred. No. 2e-110;
XX Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 52 GWRNSKGVCEATCEPGCKFGCEVGNPKRCFPYTGKTCSDVNECGMKPRPCQHRVCN 111
XX 1 GWRNSKGVCEATCEPGCKFGCEVGNPKRCFPYTGKTCSDVNECGMKPRPCQHRVCN 60
XX
XX 112 THGSYKCFCLSGHMLMPDATCVNRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
XX 61 THGSYKCFCLSGHMLMPDATCVNRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120
XX
XX 172 CLDIDECASGKVICFYNNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMSHTCS 231
XX 121 CLDIDECASGKVICFYNNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMSHTCS 180
XX
XX 232 HHANCFTQSGFKCKCKGKGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLAHNSMK 291
XX 181 HHANCFTQSGFKCKCKGKGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLAHNSMK 240
XX
XX 292 KKAKIKNTVPTPTPTPTPKVNLQPNFVEEIVSRGNSHGKKGNEEK 338
XX 241 KKAKIKNTVPTPTPTPTPKVNLQPNFVEEIVSRGNSHGKKGNEEK 287
XX
XX RESULT 71
XX ABU62257
XX ID ABU62257 standard; protein; 537 AA.
XX
XX XX
XX AC ABU62257;

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XX 01-SEP-2003 (first entry)
XX
XX Epidermal growth factor motif protein EGFL6 fragment #2.
XX
XX Human; epidermal growth factor motif protein; EGFL6; cytostatic;
XX neuroprotective; antibacterial; antiparasitic; antilipemic;
XX antiinfertility; EGF-Agonist; EGF-Antagonist; cell growth; cancer;
XX neurodegenerative disorder; leukaemia; brain tumour; lung tumour;
XX breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;
XX carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;
XX anabolism.
XX
XX Homo sapiens.
XX
XX Key Location/Qualifiers
XX Misc-difference 503
XX FT /label= OTHER
XX PT /note= "OTHER= any amino acid"
XX
XX US2003036508-A1.
XX
XX 20-FEB-2003.
XX
XX 17-APR-2002; 2002US-00124986.
XX
XX 22-NOV-1997; 97US-00968800.
XX
XX 12-FEB-1999; 99US-00249697.
XX
XX 28-JUL-1999; 99US-00363316.
XX
XX 13-OCT-2000; 2000US-00687860.
XX
XX 15-OCT-2001; 2001US-00981649.
XX
XX (FORD/) FORD J.
XX
XX (YEUN/) YEUNG G.
XX
XX (ZHOU/) ZHOU H.
XX
XX Ford J, Yeung G, Zhou H;
XX
XX WPI: 2003-492123/46.
XX
XX N-PSDB; ACD25930.
XX
XX Stimulating cell growth by contacting the cell with an EGFL6 polypeptide,
XX useful for the diagnosis and treatment of cancers and neurodegenerative
XX disorders.
XX
XX Example 3; Fig 3; 86pp; English.
XX
XX The invention describes a method of stimulating cell growth comprising
XX contacting the cell with an EGFL6 polypeptide having at least 90 %
XX sequence identity to a 553 amino acid sequence (S1), given in the
XX specification, or its variant and/or fragment lacking a C-terminal
XX portion of the EGFL6 polypeptide. The methods and compositions of the
XX present invention are useful for the diagnosis and treatment of cancers
XX and neurodegenerative disorders by stimulating cell growth. The cancers
XX include leukaemia, brain, lung, breast, gastrointestinal, skin and
XX prostate tumours and carcinomas. They can also be used in inhibiting the
XX growth of infectious agents and parasites, effecting fertility, metabolism
XX characteristics and biorhythms, effecting fertility, metabolism, and
XX catabolism and anabolism of fats, vitamins, proteins and minerals, and
XX effecting behavioural characteristics. This is the amino acid sequence of
XX a novel human epidermal growth factor motif protein EGFL6 fragment
XX
XX Sequence 537 AA;
XX
XX Query Match 85.2%; Score 1646; DB 6; Length 537;
XX Best Local Similarity 100.0%; Pred. No. 2e-110;
XX Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 52 GWRNSKGVCEATCEPGCKFGCEVGNPKRCFPYTGKTCSDVNECGMKPRPCQHRVCN 111
XX 1 GWRNSKGVCEATCEPGCKFGCEVGNPKRCFPYTGKTCSDVNECGMKPRPCQHRVCN 60
XX
XX 112 THGSYKCFCLSGHMLMPDATCVNRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
XX 61 THGSYKCFCLSGHMLMPDATCVNRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120
XX
XX 172 CLDIDECASGKVICFYNNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMSHTCS 231
XX 121 CLDIDECASGKVICFYNNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMSHTCS 180
XX
XX 232 HHANCFTQSGFKCKCKGKGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLAHNSMK 291
XX 181 HHANCFTQSGFKCKCKGKGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLAHNSMK 240
XX
XX 292 KKAKIKNTVPTPTPTPTPKVNLQPNFVEEIVSRGNSHGKKGNEEK 338
XX 241 KKAKIKNTVPTPTPTPTPKVNLQPNFVEEIVSRGNSHGKKGNEEK 287
XX
XX RESULT 71
XX ABU62257
XX ID ABU62257 standard; protein; 537 AA.
XX
XX XX
XX AC ABU62257;

```

Db	61	THGSYKCFCLSGHMLPDPATCVNSRTCAMINCOYSCEDTEEGPQCLCPSSGLRLAPNGRD	120
Qy	172	CLDIDECASGKVICPYNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTC	231
Db	121	CLDIDECASGKVICPYNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTC	180
Qy	232	HHANCFNTQGSFKCKCKQGYKGNGLRCSAIPENSVEVLRAPTIKDRINKKLLAHKNSMK	291
Db	181	HHANCFNTQGSFKCKCKQGYKGNGLRCSAIPENSVEVLRAPTIKDRINKKLLAHKNSMK	240
Qy	292	KKAKIKNVTPEPTRTPKVNLPFNVEEIVSRGNSHGKGNEEK	338
Db	241	KKAKIKNVTPEPTRTPKVNLPFNVEEIVSRGNSHGKGNEEK	287

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Job time : 95 secs

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OM nucleic - nucleic search, using sw model
Run on: June 14, 2004, 20:38:07 ; Search time 8814 Seconds
(without alignments)
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Searched: 3470272 seqs, 21671516995 residues
Total number of hits satisfying chosen parameters: 19
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Maximum DB seq length: 2000000000
Post-processing: Minimum Match 80%
Maximum Match 100%
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- 10: gb_ro.*
- 11: gb_sts.*
- 12: gb_sy.*
- 13: gb_un.*
- 14: gb_vi.*
- 15: em_ba.*
- 16: em_fun.*
- 17: em_hum.*
- 18: em_in.*
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- 20: em_om.*
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- 22: em_ov.*
- 23: em_pat.*
- 24: em_ph.*
- 25: em_pl.*
- 26: em_ro.*
- 27: em_sts.*
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- 29: em_vi.*
- 30: em_htg_hum.*
- 31: em_htg_inv.*
- 32: em_htg_other.*
- 33: em_htg_mus.*
- 34: em_htg_pln.*
- 35: em_htg_rod.*
- 36: em_htg_mam.*
- 37: em_htg_vrt.*
- 38: em_sy.*
- 39: em_htgo_hum.*
- 40: em_htgo_mus.*
- 41: em_htgo_other.*

Pred. No. is the number of results predicted by chance to have a

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	2253	99.7	2260	6	AX538160	AX538160 Sequence
2	2253	99.7	2260	9	AY358333	AY358333 Homo sapi
3	2219.2	98.2	2398	6	AB292008	AB292008 Sequence
4	2216	98.1	2398	6	BD127584	BD127584 Primer fo
5	2216	98.1	2398	9	AK075214	AK075214 Homo sapi
6	2207.2	97.7	2373	9	AF193055	AF193055 Homo sapi
7	2206.2	97.6	2401	9	HS245671	AJ245671 Homo sapi
8	2206.2	97.6	2413	6	AR338698	AR338698 Sequence
9	2206.2	97.6	2413	6	AX417530	AX417530 Sequence
10	2205	97.6	2276	6	BD276286	BD276286 EXTACELL
11	2205	97.6	2276	6	AX047341	AX047341 Sequence
12	2193	97.0	2282	9	BC038587	BC038587 Homo sapi
13	2176.6	96.3	2365	6	AX417522	AX417522 Sequence
14	2176.2	96.3	2306	9	AF186084	AF186084 Homo sapi
15	2174.6	96.2	2365	6	AX417504	AX417504 Sequence
16	2174.6	96.2	2365	6	BD140475	BD140475 Novel BGF
17	2170.6	96.0	2345	6	AX417528	AX417528 Sequence
18	2155.6	95.4	2360	6	AX417526	AX417526 Sequence
19	2101.2	93.0	2177	9	HSMB01145	AL117610 Homo sapi

ALIGNMENTS

RESULT 1
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LOCUS AX538160 2260 bp DNA linear PAT 23-NOV-2002
DEFINITION Sequence 118 from Patent EP1241187.
ACCESSION AX538160
VERSION AX538160.1 GI:25270296
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Wood, W.I., Goddard, A., Gurney, A., Yuan, J., Baker, K.P. and Chen, J.
TITLE Ribilin-like polypeptide and nucleic acids encoding the same
JOURNAL Patent: EP 1241187-A 118 18-SEP-2002,
Genentech, Inc. (US)
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Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 2
AY358333
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS

AY358333 2260 bp mRNA linear PRI 03-OCT-2003
Homo sapiens clone DNA2284 BGFL6 (UNQ281) mRNA, complete cds.
AY358333
AY358333.1 GI:37181790
FL1_CDNA.

SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1 (bases 1 to 2260)
 AUTHORS Clark, H.F., Gurney, A.L., Abaya, E., Baker, K., Baldwin, D., Brush, J.,
 Chen, J., Chow, B., Chui, C., Crowley, C., Currell, B., Deuel, B.,
 Dowd, P., Eaton, D., Foster, J., Grimaldi, C., Gu, Q., Hass, P.E.,
 Heldens, S., Huang, A., Kim, H.S., Klimowski, L., Jin, Y., Johnson, S.,
 Lee, J., Lewis, L., Liao, D., Mark, M., Robbie, E., Sanchez, C.,
 Schoenfeld, J., Seshagiri, S., Simmons, L., Singh, J., Smith, V.,
 Stinson, J., Vegts, A., Vandlen, R., Watanabe, C., Wieland, D., Woods, K.,
 Xie, M.H., Yansura, D., Yi, S., Yu, G., Yuan, J., Zhang, M., Zhang, Z.,
 Goddard, A., Wood, W.I., and Godowski, P.
 TITLE The Secreted Protein Discovery Initiative (SPDI), a Large-Scale
 Effort to Identify Novel Human Secreted and Transmembrane Proteins:
 A Bioinformatics Assessment
 JOURNAL Genome Res. 13 (10), 2265-2270 (2003)
 PUBMED 12975309
 REFERENCE 2 (bases 1 to 2260)
 AUTHORS Clark, H.F.
 TITLE Direct Submission
 JOURNAL Submitted (01-AUG-2003) Department of Bioinformatics, Genentech,
 Inc., 1 DNA Way, South San Francisco, CA 94080, USA
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RESULT 4
BD127584
LOCUS 2398 bp DNA linear PAT 18-SEP-2002
DEFINITION Primer for synthesizing full-length cDNA and use thereof.
ACCESSION BD127584
VERSION BD127584.1 GI:23222529
KEYWORDS JP 2002017375-A/3015.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 2398)
Oca,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
Primer for synthesizing full-length cDNA and use thereof
Patent: JP 2002017375-A 3015 22-JAN-2002;
HELIX RESEARCH INSTITUTE
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PN JP 2002017375-A/3015
PD 22-JAN-2002
PF 07-JUL-2000 JP 2000253172
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SHINICHI KOJIMA,
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QY 368 CAAATGCAAGTCTTTCAGGATACACCGGAAACCTGCACTCAAGATGTAATGAGTG 427
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QY 788 AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847
DB 911 AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 970
QY 848 TACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTG 907
DB 971 TACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGACTTCGGTG 1030
QY 908 TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCAGCTGTACATCAAGA 967
DB 1031 TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCAGCTGTACATCAAGA 1090
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RESULT 6
AF193055

LOCUS AF193055 2373 bp mRNA linear PRI 15-JAN-2002
DEFINITION Homo sapiens PP648 mRNA, complete cds.
ACCESSION AF193055
VERSION AF193055.1 GI:10732633
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 2373)
AUTHORS Gu,J.R., Wan,D.F., Zhao,X.T., Zhou,X.M., Jiang,H.Q., Zhang,P.P.,
Qin,W.X., Huang,Y., Qiu,X.K., Qian,L.F., He,L.P., Li,H.N., Yu,Y.,
Yu,J. and Han,L.H.
TITLE Novel human cDNA clones with function of inhibiting cancer cell
growth
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 2373)
AUTHORS Gu,J.R., Wan,D.F., Zhao,X.T., Zhou,X.M., Jiang,H.Q., Zhang,P.P.,
Qin,W.X., Huang,Y., Qiu,X.K., Qian,L.F., He,L.P., Li,H.N., Yu,Y.,
Yu,J. and Han,L.H.
TITLE Direct Submission
JOURNAL Submitted (08-OCT-1999) National Laboratory For Oncogenes & Related
Genes, Shanghai Cancer Institute, 25/Ln 2200 Xie-Tu Road, Shanghai
200032, P. R. China
FEATURES
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Query Match 97.7%; Score 2207.2; DB 9; Length 2373;
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RESULT 7

HSA245671

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

HSA245671 Homo sapiens mRNA for hypothetical protein (W80 gene).
AJ245671.1 GI:8017377

2401 bp mRNA linear PRI 23-DEC-2002

Homo sapiens (human)

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 Buchner, G., Orfanelli, U., Quaderi, N., Bassi, M.T., Andolfi, G.,

Ballabio, A. and Franco, B.

TITLE Identification of a new EGF-repeat-containing gene from human Xp22:
a candidate for developmental disorders
JOURNAL Genomics 65 (1), 16-23 (2000)
MEDLINE 20241927
PUBMED 10777661
REFERENCE 2 (bases 1 to 2401)
AUTHORS Franco, B.
Direct Submission
TITLE Submitted (06-AUG-1999) Franco B., Tigem, Telethon Institute of
Genetics and Medicine, Via Olgettina 58, 20132, ITALY
JOURNAL Location/Qualifiers
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Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;
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REFERENCE

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AUTHORS

Azimzai, Y., Bandman, O., Tang, T.Y., Lal, P., Henry, Yue, Baughn, M.R.,

Lu, D.A.M. and Hillman, J.L.

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JOURNAL Patent: JP 2002543785-A 2 24-DEC-2002;

INCYTE PHARMACEUTICALS INC, Olga BANDMAN, Jennifer L HILLMAN, Tom

TANG, Preeti LAL, Henry

AZIMZAI

COMMENT	OS	Homo sapiens

PN JP 2002543785-A/2

PD 24-DEC-2002

PF 10-MAY-2000 JP

PR 11-MAY-1999 US 60/133643, 23-AUG

valda azimzai, olqa bandman, tom y tang, preeti lal, henry pi

yue, mariah r baughn,

PI dvung aina m lu, jennifer l hillman

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ORIGIN

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Matches 2215; Conservative	0; Mismatches 7; Indels 2; Gaps 2;
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Qy	99 GGGGGCTCAGGAGGAGGAAGGAGCACCGTGCGAGAAATGCTCTGCTCTGGAGCCTTGCG 158
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Qy	459	TGTTGTGATATACACAGCGAAGCTACAAAGTGCCTTTGGCTTCAGTGGCCACATGCTCATGGCA	518
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Qy	519	GATGCTACGTGTGTAACACTCTAGGACATGTGCCATGATAAACTGTCACTACAGCTGTGAA	578
Db	481	GATGCTACGTGTGTAACACTCTAGGACATGTGCCATGATAAACTGTCACTACAGCTGTGAA	540
Qy	579	GACACAGAAAGAGGGCCACAGTGCCTGTGTTCATCTCAGGACTCCGCTGGCCCCAAAT	638
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Qy	639	GGAAGAGACTGTCTAGATATTGATCAATGTGGCTCTGGTAAAGTCATCTGTCCCTACCAAT	698
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Qy	699	CGAAGATGTGTGAACACATTTGGAAAGCTACTACTGCGAAATGTCAATTTGGTTTGGAACTG	758
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Qy	759	CAATATATCAGTGCAGATACACATGTATAGATATATAATGAATGATCTATGTGATAGCCAT	818
Db	721	CAATATATCAGTGCAGATATGACTGTATAGATATATAATGAATGATCTATGTGATAGCCAT	780
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Qy	999	AGCATGAAAAGAGGCAAAATTTAAAAATGTTACCCAGAAACCCACAGGACTCCTACC	1058
Db	961	AGCATGAAAAGAGGCAAAATTTAAAAATGTTACCCAGAAACCCACAGGACTCCTACC	1020
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Qy	1119	CATGGAGTTAAAAAGGGAATGAAGAG - AAATGAAAGAGGGCTTTGAGGATGAGAAAAGA	1177
Db	1081	CATGGAGTTAAAAAGGGAATGAAGAAAATGAAAGAGGGGCTTTGAGGATGAGAAAAGA	1140
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Db	1141	GAAGAGAAAGCCCTGAGAGATGACATAGAGGAGCGAAGCTTCGAGGAGATGTGTTTTTC	1200
Qy	1238	CCTAAGGTGAATGAAGCAGGTGAATTCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACT	1297
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Qy	1418	GCTATTGGCTTCTATATGGCAGTTTCGGCCCTTGGCAGGTCAAAAGAAAGACATTGGCCGA	1477
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Qy	1478	TTGAAACTTCTCCTACCTGACCTGCAACCCCAAGGAACTTCTGTTTGTCTTTGATTAC	1537
Db	1441	TTGAAACTTCTCCTACCTGACCTGCAACCCCAAGGAACTTCTGTTTGTCTTTGATTAC	1500
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1458	TTTTGACTTGGAACTCCTGCTGATCGAGATATGCTATTTGGCTTCTATATGGCAGTTCGGC	1517
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1578	CCAAAGCAACTTCTGTTTGTCTTTGNTTACCGGCTGGCCGGAGACAAGTCGGGAACCT	1637
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1818	GCTCTGTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGATCTGAATGTTACTATC	1877
1807	TTTATATTGACTTTGTATGTCAAGTTCCTGGTTTTTTTGTATTGCAATCATAGGACCTC	1866
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RESULT 14
AF186084 linear PRI 26-JAN-2000
LOCUS Homo sapiens epidermal growth factor repeat containing protein
DEFINITION (EGFL6) mRNA, complete cds.
ACCESSION AF186084
VERSION AF186084.1 GI:6752657
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 2306)
AUTHORS Yeung,G., Mulero,J.J., Berntsen,R.P., Loeb,D.B., Drmanac,R. and
Ford,J.E.
TITLE Cloning of a novel epidermal growth factor repeat containing gene
EGLF6: expressed in tumor and fetal tissues
JOURNAL Genomics 62 (2), 304-307 (1999)
MEDLINE 20079166
PubMed 10610727
REFERENCE 2 (bases 1 to 2306)
AUTHORS Yeung,G., Mulero,J.J., Berntsen,R.P., Loeb,D.B., Drmanac,R. and
Ford,J.E.
TITLE Direct Submission
JOURNAL Submitted (13-SEP-1999) Functional Genomics, HYSEQ Inc, 670 Almaror
Ave, Sunnyvale, CA 94086, USA
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	Qy	2044	CTCCCCCTCCNGTATATCTGATTTGTATANGTANGTGGTGCTCTCTCTACAACAT	2103
	Db	2059	CTCCCCCTCCCTCAGTATATCTGATTTGTATAGTAAGTATGAGCTTCTCTCGAACAT	2118
	Qy	2104	TTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTATGATACT	2163
	Db	2119	TTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTATGATAGT	2178
	Qy	2164	TCTTGGAAACTATGACATCAAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGCTTTTCA	2223
	Db	2179	TTTTGGAACTATGACATCAAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGCTTTTCA	2238
	Qy	2224	TAGCCAACCTTGATATTT-AACTTTTGTATATATAA	2260
	Db	2239	TAGCCAACCTTGATATTTAAATTTCTTTGTAATAATAA	2276
RESULT 15				
AX417504				
LOCUS	AX417504	2365 bp	DNA	linear PAT 18-JUN-2002
DEFINITION	Sequence 5 from Patent WO0230977.			
ACCESSION	AX417504			
VERSION	AX417504.1	GI:21522755		
KEYWORDS	Homo sapiens (human)			
SOURCE	Homo sapiens			
ORGANISM	Homo sapiens			
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;			
AUTHORS	Mammalia; Butheria; Primates; Catarrhini; Hominiidae; Homo.			
TITLE	Ford,J.E., Zhang,J., Zhou,P., Asundi,V., Liu,C., Ang,T.Y.,			
JOURNAL	Yamasaki,V., Yeung,G., Zhou,H. and Drmanac,R.T.			
FEATURES	EGF motif protein, EGFL6 materials and methods			
source	Patent: WO 0230977-A 5 18-APR-2002;			
CDS	HYSEQ INC (US)			
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ORIGIN				
	Query Match	96.2%; Score 2174.6; DB 6; Length 2365;		
	Best Local Similarity	98.9%; Pred. No. 0;		
	Matches 2233; Conservative	4; Mismatches 16; Indels 5; Gaps 5;		
Qy	8	GTGGGTGCGAGTGGAGGAGGCCGAGCGGCTGAGGAGAGAGAGGCGGCGCTTAGC	67	
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Qy	68	TGCTACCGGGTCCGGCCCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAAGGACC	127	
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RESULT 16
BD140475

LOCUS BD140475 2365 bp DNA linear PAT 18-SEP-2002
DEFINITION Novel EGF motif protein obtained from fetal liver-spleen CDNA
Library:
ACCESSION BD140475
VERSION BD140475.1 GI:23235420
KEYWORDS JP 2002504308-A/3.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 2365)
AUTHORS Drmanac,R.T., Crkvenjakov,R., Dickson,M., Drmanac,S., Labat,I.,
Leshkowitz,D., Kita,D. and Ford,J.
TITLE Novel EGF motif protein obtained from fetal liver-spleen CDNA
JOURNAL Patent: JP 2002504308-A 3 12-FEB-2002;
HYSEQ INC
COMMENT OS Homo sapiens (human)
PN JP 2002504308-A/3
PD 12-FEB-2002
PF 23-NOV-1998 JP 2000522238
PI 22-NOV-1997 US 08/968800
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C12N15/09,A61K38/00,C07K14/485,C07K16/22,C12N1/15,C12N1/19, PC
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PC C12N5/10,C12P21/02,C12Q1/68,G01N33/53,G01N33/566//C07K14/715,
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US 6392018
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LOCUS AX417528
DEFINITION Sequence 29 from Patent WO0230977.
ACCESSION AX417528
VERSION AX417528.1 GI:21522773
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Ford, J.E., Zhang, J., Zhou, P., Asundi, V., Liu, C., Ang, T.Y.,
Yamasaki, V., Yeung, G., Zhou, H. and Drmanac, R.T.
TITLE EGF motif protein, EGFL6 materials and methods
JOURNAL Patent: WO 0230977-A 29 18-APR-2002;
HYSEQ INC (US)
FEATURES
Location/Qualifiers
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Best Local Similarity	98.6%;	Pred. No. 0;		
Matches 2219;	Conservative	0;	Mismatches 11;	Indels 21;

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Job time : 8825 secs

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ALIGNMENTS

RESULT 1

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 ; Patent No. US2002015606A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
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 ; CURRENT FILING DATE: 2001-10-15
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 ; PRIOR FILING DATE: 2001-07-30
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 9; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 121 LSGHMLPDTATCVNSRTCAWNCQYSCEDTEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Qy 241 GSPKCKCKQYKNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
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Qy 301 PEPTPTTPKVNLPFNVEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTTPKVNLPFNVEEIVSRGNSHGKKGNEEK 338

RESULT 2
US-09-978-697-119
; Sequence 119, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 9; Length 338;
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Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 3

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; Sequence 119, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC9
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; CURRENT FILING DATE: 2001-10-15
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 9; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 181 GKVICFYNRRCVNTGFSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

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RESULT 4

US-09-999-832A-119
Sequence 119, Application US/09999832A
Publication No. US20020192706A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C63
CURRENT APPLICATION NUMBER: US/09/999, 832A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078936
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PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797

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;	PRIOR APPLICATION NUMBER: 60/084366	
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;	PRIOR FILING DATE: 1998-05-05	
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;	PRIOR FILING DATE: 1998-05-07	
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;	PRIOR FILING DATE: 1998-05-07	
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;	PRIOR APPLICATION NUMBER: 60/085339	
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;	PRIOR APPLICATION NUMBER: 60/085338	
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;	PRIOR FILING DATE: 1998-05-15	
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;	PRIOR APPLICATION NUMBER: 60/085580	
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;	PRIOR APPLICATION NUMBER: 60/085704	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085697	
;	Query Match	100.0%; DB 9; Length 338;
;	Best Local Similarity	100.0%; Pred. No. 1.4e-151;
;	Matches 338; Conservative	0; Mismatches 0; Indels 0; Gaps 0;

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Db	1	MPLPWSLALPLLLSWAGGFGNAASARHHGLLASARQPGVCHYGTAKLACCYGWRNSKGV	60
Qy	61	CEATCEPGCKFGCEVCNPKRCFPFGYTKTCSQDVNECGMKPRPCQHRVCNVTHSGYKCF	120
Db	61	CEATCEPGCKFGCEVCNPKRCFPFGYTKTCSQDVNECGMKPRPCQHRVCNVTHSGYKCF	120
Qy	121	LSGHMLMPDATCVNSRTCAMINCOYSCEDETERGPQCLCPSSGLRLAPNGRCLDIDECAS	180
Db	121	LSGHMLMPDATCVNSRTCAMINCOYSCEDETERGPQCLCPSSGLRLAPNGRCLDIDECAS	180
Qy	181	GVKICPNRRCVNTFGSYCKHIGFELQYISGRVDCIDINECTMDSHTCSHANCFTQ	240
Db	181	GVKICPNRRCVNTFGSYCKHIGFELQYISGRVDCIDINECTMDSHTCSHANCFTQ	240
Qy	241	GSFKCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKORIKKLLAHKMSKKKAKIKNT	300
Db	241	GSFKCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKORIKKLLAHKMSKKKAKIKNT	300
Qy	301	PEPTRTPTPKVNLQPNYBEIVSRGNSHGKKGNEEK	338
Db	301	PEPTRTPTPKVNLQPNYBEIVSRGNSHGKKGNEEK	338
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US-09-978-189-119			
; Sequence 119, Application US/09978189			
; Publication No. US2003004102A1			
; GENERAL INFORMATION:			
; APPLICANT: Ashkenazi, Avi			
; APPLICANT: Baker Kevin P.			
; APPLICANT: Botstein, David			
; APPLICANT: Desnoyers, Luc			
; APPLICANT: Eaton, Dan			
; APPLICANT: Ferrara, Napoleon			
; APPLICANT: Filvaroff, Ellen			
; APPLICANT: Fong, Sherman			
; APPLICANT: Gao, Wei-Qiang			
; APPLICANT: Gerber, Hanspeter			
; APPLICANT: Gerritsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, J. Christopher			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Hillan, Kenneth J.			
; APPLICANT: Kljavin, Ivar J.			
; APPLICANT: Kuo, Sophia S.			
; APPLICANT: Napier, Mary A.			
; APPLICANT: Pan, James;			
; APPLICANT: Paoni, Nicholas F.			
; APPLICANT: Roy, Margaret Ann			
; APPLICANT: Shelton, David L.			
; APPLICANT: Stewart, Timothy A.			
; APPLICANT: Tumas, Daniel			
; APPLICANT: Williams, P. Mickey			
; APPLICANT: Wood, William I.			
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
; FILE REFERENCE: P2630PIC7			
; CURRENT APPLICATION NUMBER: US/09/978,189			
; CURRENT FILING DATE: 2001-10-15			
; PRIOR APPLICATION NUMBER: 09/918585			
; PRIOR FILING DATE: 2001-07-30			
; PRIOR APPLICATION NUMBER: 60/062250			
; PRIOR FILING DATE: 1997-10-17			
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; PRIOR APPLICATION NUMBER: 60/065311			
; PRIOR FILING DATE: 1997-11-13			
; PRIOR APPLICATION NUMBER: 60/066364			
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; PRIOR APPLICATION NUMBER: 60/077450			

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3	PRIOR APPLICATION NUMBER: 60/077632	4	PRIOR FILING DATE: 1998-04-15
5	PRIOR FILING DATE: 1998-03-11	6	PRIOR APPLICATION NUMBER: 60/082568
7	PRIOR APPLICATION NUMBER: 60/077641	8	PRIOR FILING DATE: 1998-04-21
9	PRIOR FILING DATE: 1998-03-11	10	PRIOR APPLICATION NUMBER: 60/082569
11	PRIOR APPLICATION NUMBER: 60/077649	12	PRIOR FILING DATE: 1998-04-21
13	PRIOR FILING DATE: 1998-03-11	14	PRIOR APPLICATION NUMBER: 60/082704
15	PRIOR APPLICATION NUMBER: 60/077791	16	PRIOR FILING DATE: 1998-04-22
17	PRIOR FILING DATE: 1998-03-12	18	PRIOR APPLICATION NUMBER: 60/082804
19	PRIOR APPLICATION NUMBER: 60/078004	20	PRIOR FILING DATE: 1998-04-22
21	PRIOR FILING DATE: 1998-03-13	22	PRIOR APPLICATION NUMBER: 60/082700
23	PRIOR APPLICATION NUMBER: 60/078886	24	PRIOR FILING DATE: 1998-04-22
25	PRIOR FILING DATE: 1998-03-20	26	PRIOR APPLICATION NUMBER: 60/082797
27	PRIOR APPLICATION NUMBER: 60/078936	28	PRIOR FILING DATE: 1998-04-22
29	PRIOR FILING DATE: 1998-03-20	30	PRIOR APPLICATION NUMBER: 60/082796
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41	PRIOR FILING DATE: 1998-03-25	42	PRIOR APPLICATION NUMBER: 60/083392
43	PRIOR APPLICATION NUMBER: 60/079656	44	PRIOR FILING DATE: 1998-04-29
45	PRIOR FILING DATE: 1998-03-26	46	PRIOR APPLICATION NUMBER: 60/083495
47	PRIOR APPLICATION NUMBER: 60/079664	48	PRIOR FILING DATE: 1998-04-29
49	PRIOR FILING DATE: 1998-03-27	50	PRIOR APPLICATION NUMBER: 60/083496
51	PRIOR APPLICATION NUMBER: 60/079689	52	PRIOR FILING DATE: 1998-04-29
53	PRIOR FILING DATE: 1998-03-27	54	PRIOR APPLICATION NUMBER: 60/083499
55	PRIOR APPLICATION NUMBER: 60/079663	56	PRIOR FILING DATE: 1998-04-29
57	PRIOR FILING DATE: 1998-03-27	58	PRIOR APPLICATION NUMBER: 60/083545
59	PRIOR APPLICATION NUMBER: 60/079728	60	PRIOR FILING DATE: 1998-04-29
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63	PRIOR APPLICATION NUMBER: 60/079786	64	PRIOR FILING DATE: 1998-04-29
65	PRIOR FILING DATE: 1998-03-27	66	PRIOR APPLICATION NUMBER: 60/083558
67	PRIOR APPLICATION NUMBER: 60/079920	68	PRIOR FILING DATE: 1998-04-29
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77	PRIOR FILING DATE: 1998-03-31	78	PRIOR APPLICATION NUMBER: 60/083742
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81	PRIOR FILING DATE: 1998-03-31	82	PRIOR APPLICATION NUMBER: 60/084366
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87	PRIOR APPLICATION NUMBER: 60/080165	88	PRIOR FILING DATE: 1998-05-06
89	PRIOR FILING DATE: 1998-03-31	90	PRIOR APPLICATION NUMBER: 60/084441
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95	PRIOR APPLICATION NUMBER: 60/080327	96	PRIOR FILING DATE: 1998-05-07
97	PRIOR FILING DATE: 1998-04-01	98	PRIOR APPLICATION NUMBER: 60/084639
99	PRIOR APPLICATION NUMBER: 60/080328	100	PRIOR FILING DATE: 1998-05-07
101	PRIOR FILING DATE: 1998-04-01	102	PRIOR APPLICATION NUMBER: 60/084640
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109	PRIOR FILING DATE: 1998-04-01	110	PRIOR APPLICATION NUMBER: 60/084600
111	PRIOR APPLICATION NUMBER: 60/081070	112	PRIOR FILING DATE: 1998-05-07
113	PRIOR FILING DATE: 1998-04-08	114	PRIOR APPLICATION NUMBER: 60/084627
115	PRIOR APPLICATION NUMBER: 60/081049	116	PRIOR FILING DATE: 1998-05-07
117	PRIOR FILING DATE: 1998-04-08	118	PRIOR APPLICATION NUMBER: 60/084643
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121	PRIOR FILING DATE: 1998-04-08	122	PRIOR APPLICATION NUMBER: 60/085339
123	PRIOR APPLICATION NUMBER: 60/081195	124	PRIOR FILING DATE: 1998-05-13
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129	PRIOR FILING DATE: 1998-04-09	130	PRIOR APPLICATION NUMBER: 60/085323
131	PRIOR APPLICATION NUMBER: 60/081229	132	PRIOR FILING DATE: 1998-05-13
133	PRIOR FILING DATE: 1998-04-09	134	PRIOR APPLICATION NUMBER: 60/085582
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;; PRIOR FILING DATE: 1998-05-15
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

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Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASAROPGVCHYGTGKLACCYGWRNSKGV 60
QY 61 CEATCEPCGCKFGECVGNPKRCFPYGTGKTCSDVNECGMKRPPCOHRCVNTHGSYKCF 120
DB 61 CEATCEPCGCKFGECVGNPKRCFPYGTGKTCSDVNECGMKRPPCOHRCVNTHGSYKCF 120
QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKNGLRCSAIPENSVEKVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSVEKVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338

RESULT 6

US-09-978-608A-119
; Sequence 119, Application US/09978608A
; Publication No. US20030045462A1

GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kijavini, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C22

;; CURRENT APPLICATION NUMBER: US/09/978,608A
;; CURRENT FILING DATE: 2001-10-16
;; NUMBER OF SEQ ID NOS: 624
;; Prior Application removed - See File Wrapper or Palm
;; SEQ ID NO 119
;; LENGTH: 338
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-978-608A-119

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Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 CEATCEPCGCKFGECVGNPKRCFPYGTGKTCSDVNECGMKRPPCOHRCVNTHGSYKCF 120
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QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
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QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
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QY 241 GSFCKCKQGYKNGLRCSAIPENSVEKVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSVEKVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338

RESULT 7

US-09-978-585A-119
; Sequence 119, Application US/09978585A
; Publication No. US20030049633A1

GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kijavini, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same


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; FILE REFERENCE: P2630P1C15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 119
; TYPE: PRT
; LENGTH: 338
; ORGANISM: Homo sapiens
US-09-978-585A-119

Query Match      100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MFLPWSLALPILLSWVAGFGGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
Db 1 MFLPWSLALPILLSWVAGFGGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60

Qy 61 CEATCEGCGFEGECVGNKCRCPGYTGKTCSDVNECGMKRPPCOHRCVNTHTGSKCFC 120
Db 61 CEATCEGCGFEGECVGNKCRCPGYTGKTCSDVNECGMKRPPCOHRCVNTHTGSKCFC 120

Qy 121 LSGHMLMPDATCVNSRTCAMINQYSCEDTEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINQYSCEDTEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180

Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHHANCFNTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHHANCFNTQ 240

Qy 241 GSPKCKCKQGVKGNLRCSAIPENSVKVELRAPGTTIKDLKLAHNSMKKKAKIKNT 300
Db 241 GSPKCKCKQGVKGNLRCSAIPENSVKVELRAPGTTIKDLKLAHNSMKKKAKIKNT 300

Qy 301 PEPTRTPTKVNLOPFNYEIVSRGNSHGKKGNEBK 338
Db 301 PEPTRTPTKVNLOPFNYEIVSRGNSHGKKGNEBK 338

RESULT 8
US-09-978-191A-119
; Sequence 119, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Godowski, Paul J.
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; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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; TITLE OF INVENTION: Acids Encoding the Same
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; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;

Best Local Similarity 100.0%; Pred. No. 1.4e-151; Indels 0; Gaps 0;
Matches 338; Conservative 0; Mismatches 0;

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Qy 121 LSGHMLPDAITCVNSRTCAMINQYSCDETEEPQCLCPSSGLRLAPNGRDCLDIDECAS 180
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Qy 181 GKVICPNRRCVNTFGSYCKHIGPELOVISGRYCDINECTMDSHTCSSHANCFNTQ 240
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Qy 241 GSFCKCKQGYKNGLRCSAIPNSVKEVLRAFGTTIKDRIKLLAHNSMKKKAKIKNT 300
Db 241 GSFCKCKQGYKNGLRCSAIPNSVKEVLRAFGTTIKDRIKLLAHNSMKKKAKIKNT 300
Qy 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 9
US-09-978-403A-119
; Sequence 119, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
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; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
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; APPLICANT: Godowski, Paul J.
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; APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918595
PRIOR FILING DATE: 2001-07-30
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Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 121 LSGHMLPDATCVNRTCAMINCOYSCDETEGPGQCLPSSGLRLAPNGRDCIDIDECAS 180
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DB 301 PEPTPTPTKVNLPNPNYBEEIVSRGNSHGKKGNEEK 338

RESULT 10
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 , PRIOR FILING DATE: 1998-03-31
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 , PRIOR APPLICATION NUMBER: 60/080194
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 , PRIOR FILING DATE: 1998-04-29
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, PRIOR APPLICATION NUMBER: 60/083558
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 , PRIOR APPLICATION NUMBER: 60/083559
 , PRIOR FILING DATE: 1998-04-29
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 , PRIOR APPLICATION NUMBER: 60/083742
 , PRIOR FILING DATE: 1998-04-30
 , PRIOR APPLICATION NUMBER: 60/084366
 , PRIOR FILING DATE: 1998-05-05
 , PRIOR APPLICATION NUMBER: 60/084414
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 , PRIOR FILING DATE: 1998-05-06
 , PRIOR APPLICATION NUMBER: 60/084637
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 , PRIOR FILING DATE: 1998-05-07
 , PRIOR APPLICATION NUMBER: 60/084640
 , PRIOR FILING DATE: 1998-05-07
 , PRIOR APPLICATION NUMBER: 60/084598
 , PRIOR FILING DATE: 1998-05-07
 , PRIOR APPLICATION NUMBER: 60/084600
 , PRIOR FILING DATE: 1998-05-07
 , PRIOR APPLICATION NUMBER: 60/084627
 , PRIOR FILING DATE: 1998-05-07
 , PRIOR APPLICATION NUMBER: 60/084643
 , PRIOR FILING DATE: 1998-05-07
 , PRIOR APPLICATION NUMBER: 60/085339
 , PRIOR FILING DATE: 1998-05-13
 , PRIOR APPLICATION NUMBER: 60/085338
 , PRIOR FILING DATE: 1998-05-13
 , PRIOR APPLICATION NUMBER: 60/085323
 , PRIOR FILING DATE: 1998-05-13
 , PRIOR APPLICATION NUMBER: 60/085582
 , PRIOR FILING DATE: 1998-05-15
 , PRIOR APPLICATION NUMBER: 60/085700
 , PRIOR FILING DATE: 1998-05-15
 , PRIOR APPLICATION NUMBER: 60/085689
 , PRIOR FILING DATE: 1998-05-15
 , PRIOR APPLICATION NUMBER: 60/085579
 , PRIOR FILING DATE: 1998-05-15
 , PRIOR APPLICATION NUMBER: 60/085580
 , PRIOR FILING DATE: 1998-05-15
 , PRIOR APPLICATION NUMBER: 60/085573
 , PRIOR FILING DATE: 1998-05-15
 , PRIOR APPLICATION NUMBER: 60/085704
 , PRIOR FILING DATE: 1998-05-15
 , PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
 Best Local Similarity 100.0%; Pred. No. 1.4e-151;
 Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSIALPLLISWVAGGFGNAASARHHGLASARQPGVCHYGTKLACCYGWRNSKGV 60
 Db 1 MPLPWSIALPLLISWVAGGFGNAASARHHGLASARQPGVCHYGTKLACCYGWRNSKGV 60
 Qy 61 CEATCPGCKFGECVGNKRCRCPGGYTGKTCSDVNECGMKPRPCQHRVCVNTHGSYKFC 120
 Db 61 CEATCPGCKFGECVGNKRCRCPGGYTGKTCSDVNECGMKPRPCQHRVCVNTHGSYKFC 120
 Qy 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
 Db 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
 Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTNQ 240
 Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTNQ 240
 Qy 241 GSPKCKCKQYKNGLRCSAIPENSKEVLRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
 Db 241 GSPKCKCKQYKNGLRCSAIPENSKEVLRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300

Qy 301 PEPTRTPKVNLOPNRYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPKVNLOPNRYEIVSRGNSHGKKGNEEK 338

RESULT 11
US-09-999-833A-119
Sequence 119, Application US/09999833A
Publication No. US20030054405A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flivaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I
TITLE OF INVENTION: Scruted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C65
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR FILING DATE: 1997-11-21
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PRIOR APPLICATION NUMBER: 60/077791
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLISWAGGFGNAASRHHGLLASARQPGVCHYGTGLACCYGWRNSKV 60
DB 1 MPLPWSLALPLLISWAGGFGNAASRHHGLLASARQPGVCHYGTGLACCYGWRNSKV 60
QY 61 CEATCEPGCKFGECVGNKRCFPYGTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120

Db 61 CEATCEPGCKFGECVGNKRCFPYGTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAWNCQYSCDTEBGPCLCPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAWNCQYSCDTEBGPCLCPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRVCNVTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Db 181 GKVICPNRRVCNVTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSPFKCKQKQYKGNGLRCSAIPENSVEVLRAPGTIKORIKKLLAHKNSMKKAKIKNVT 300
Db 241 GSPFKCKQKQYKGNGLRCSAIPENSVEVLRAPGTIKORIKKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPNYEYIIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPNYEYIIVSRGNSHGKKGNEEK 338

RESULT 12
US-09-981-915A-119
; Sequence 119, Application US/09981915A
; Publication No. US20030054986A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C12
; CURRENT APPLICATION NUMBER: US/09/981,915A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918595
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLSSWAGGFGNAASARRHGLLASARQPGVCHYGTKLACCVGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARRHGLLASARQPGVCHYGTKLACCVGWRNSKGV 60
QY 61 CEATCBPGCKFGECVGNPKRCRCPGVTGKTCSDVNECMKPRPCQHRVCVNTGSKYKFC 120
Db 61 CEATCBPGCKFGECVGNPKRCRCPGVTGKTCSDVNECMKPRPCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLMPDATVNSRNCAMINQVSCETEGPQCLPSSGRLAPNGRCLDIDECAS 180
Db 121 LSGHMLMPDATVNSRNCAMINQVSCETEGPQCLPSSGRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRVCNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHHANCFNTQ 240
Db 181 GKVICPNRRVCNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHHANCFNTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPNSVKEVLRAPGTTIKDRIKKLLAHKSMKKKAKIKNT 300
Db 241 GSPKCKCKQYKGNGLRCSAIPNSVKEVLRAPGTTIKDRIKKLLAHKSMKKKAKIKNT 300
QY 301 PEPTRTPTKVNLPQFNYYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPQFNYYEIVSRGNSHGKKGNEEK 338
RESULT 13
US-09-978-824-119
; Sequence 119, Application US/09978824
; Publication No. US20030055216A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C14
; CURRENT APPLICATION NUMBER: US/09/978, 824
; CURRENT FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR APPLICATION NUMBER: 60/080165
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; PRIOR APPLICATION NUMBER: 60/080334
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; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
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; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
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; PRIOR FILING DATE: 1998-04-15
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; PRIOR APPLICATION NUMBER: 60/083322
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; PRIOR FILING DATE: 1998-05-13
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; PRIOR FILING DATE: 1998-05-13

; PRIOR APPLICATION NUMBER: 60/085582
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; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151; Indels 0; Gaps 0;
Matches 338; Conservative 0; Mismatches 0

QY 1 MPLPWSIALPILLSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSIALPILLSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGCEVGNKRCFPFGYTKTCSQDVNECGMKRPPCOHCEVNTGSHYKFC 120
DB 61 CEATCEPGCKFGCEVGNKRCFPFGYTKTCSQDVNECGMKRPPCOHCEVNTGSHYKFC 120

QY 121 LSGHMLPMDATCVNSRTCAMINCOYSCDETEGPGQCLPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLPMDATCVNSRTCAMINCOYSCDETEGPGQCLPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRVCNVTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHTCSHANCNTQ 240
DB 181 GKVICPNRRVCNVTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHTCSHANCNTQ 240

QY 241 GSFCKCKQYKNGLRCSAIPENSVEKVLAPGTIKRIKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQYKNGLRCSAIPENSVEKVLAPGTIKRIKLLAHKNSMKKKAKIKNT 300

QY 301 PEPTRTPTPKVNLQPNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNYEEIVSRGNSHGKKGNEEK 338

RESULT 14
US-09-918-585A-119
; Sequence 119, Application US/09918585A
; Publication No. US20030060406A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Acids and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C1
CURRENT APPLICATION NUMBER: US/09/918,585A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
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PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
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PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
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PRIOR APPLICATION NUMBER: 60/079663
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PRIOR APPLICATION NUMBER: 60/079728
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PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPELPSLALPLLWSVAGFGNAAARHGLASARQPGVCHYGTGLACCYGWRNSKGV 60
Db 1 MPELPSLALPLLWSVAGFGNAAARHGLASARQPGVCHYGTGLACCYGWRNSKGV 60

QY 61 CEATCEPGCKTGEVGNKRCFFGYTGKTCSDQVNECGMKRPPCQHRQVNTGSKYKFC 120
Db 61 CEATCEPGCKTGEVGNKRCFFGYTGKTCSDQVNECGMKRPPCQHRQVNTGSKYKFC 120

QY 121 LSGHMLPDPATCVNRTCAMINCOYSCBDETEGQCICLPSGSLRLAPNGRDLCDIDECAS 180
Db 121 LSGHMLPDPATCVNRTCAMINCOYSCBDETEGQCICLPSGSLRLAPNGRDLCDIDECAS 180

QY 181 GKVICPNRRCVNTGSGYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHEANCFNTQ 240
Db 181 GKVICPNRRCVNTGSGYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHEANCFNTQ 240

QY 241 GSFKCKCKGKYGNGLRCSAIPENSVKELRAPGTIKDRIKKLAHNSMKKAKIKNVT 300
Db 241 GSFKCKCKGKYGNGLRCSAIPENSVKELRAPGTIKDRIKKLAHNSMKKAKIKNVT 300

QY 301 PEPTRTPTPKVNLQFPNVEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQFPNVEEIVSRGNSHGKKGNEEK 338

RESULT 15
US-09-978-423A-119
; Sequence 119, Application US/09978423A
; Publication No. US20030069178A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC21
CURRENT APPLICATION NUMBER: US/09/978,423A
CURRENT FILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MFLPWSIALPLLLSWVAGGFGNAASARHGLLASARQGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSIALPLLLSWVAGGFGNAASARHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

Qy 61 CEATCEPGCKFGECVGNKRCRCFPGYTGKTCSDVNECMKPRPCQHRVCVNTGHSYKFC 120
Db 61 CEATCEPGCKFGECVGNKRCRCFPGYTGKTCSDVNECMKPRPCQHRVCVNTGHSYKFC 120

Qy 121 LSGHMLPDTATCVNSRTCAWNCQSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLPDTATCVNSRTCAWNCQSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180

Qy 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFNTQ 240
Db 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFNTQ 240

Qy 241 GSPFKCKQYKGNGLRCSAIPENSVKVLRAPGTIKORIKKLAKHNSMKKAKIKNVT 300
Db 241 GSPFKCKQYKGNGLRCSAIPENSVKVLRAPGTIKORIKKLAKHNSMKKAKIKNVT 300

Qy 301 PEPTRTPTKVNLPFNBYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPFNBYEIVSRGNSHGKKGNEEK 338

RESULT 16
US-09-978-193A-119

; Sequence 119, Application US/09978193A
; Publication No. US2003007362A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC6
; CURRENT APPLICATION NUMBER: US/09/978,193A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 09/918585
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53 PRIOR FILING DATE: 1998-05-15
54 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151; Mismatches 0; Indels 0; Gaps 0;
Matches 338; Conservative 0;
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Db 1 MFLPWSLALFLLSWAGVGGNAAARHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKRPPCHRCVNTHTGSKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKRPPCHRCVNTHTGSKFC 120
Qy 121 LSGHMLMFDATCVNSRTCAINQYSCDTEEGPQCLCFSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMFDATCVNSRTCAINQYSCDTEEGPQCLCFSSGLRLAPNGRDCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQVTSRYDCIDINECTMDSHTCSHANCFTQ 240

Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQVTSRYDCIDINECTMDSHTCSHANCFTQ 240
Qy 241 GSFCKCKQGYKGNGLRCSAIPENSVKELRAPGTIKDRIKKLLAHNSMKCKAKIKNVT 300
Db 241 GSFCKCKQGYKGNGLRCSAIPENSVKELRAPGTIKDRIKKLLAHNSMKCKAKIKNVT 300
Qy 301 PEPTRTPTPKVNLQPFNYEEIVSRGSHGSKGKNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEEIVSRGSHGSKGKNEEK 338

RESULT 17

US-09-999-830A-119
Sequence 119, Application US/09999830A
Publication No. US20030077700A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC70
CURRENT APPLICATION NUMBER: US/09/999,830A
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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Query Match 100.0%; Score 1931; DB 10; Length 338;

Best Local Similarity 100.0%; Pred. No. 1.4e-151;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 CEATCEPGKPGECVGNKRCFPFGYTGKTCSDQVNECGMKPRPCQHRCVNTHSGYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCEPTEBGPCLCPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCEPTEBGPCLCPSSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICYNRRCVNTFSGYCKCHIFELQYISGRYDCIDINECTMDSHSHHANCFTQ 240
Db 181 GKVICYNRRCVNTFSGYCKCHIFELQYISGRYDCIDINECTMDSHSHHANCFTQ 240
Qy 241 GSPKCKCKQYKGNGLRCSAIPENSKEVLRAPGTIKRIKGLAHKNSMKKAKIKNT 300
Db 241 GSPKCKCKQYKGNGLRCSAIPENSKEVLRAPGTIKRIKGLAHKNSMKKAKIKNT 300
Qy 301 PEPTRTPTKVNLPFNFEIYSRSGNSGGKKGNEEK 338
Db 301 PEPTRTPTKVNLPFNFEIYSRSGNSGGKKGNEEK 338

RESULT 18

US-09-978-757A-119
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; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
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; APPLICANT: Shelton, David L.
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; APPLICANT: Tumas, Daniel
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; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C26
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; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
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; PRIOR APPLICATION NUMBER: 60/083496
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; PRIOR APPLICATION NUMBER: 60/084414
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15

; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPSLALPILLSVAGFGNAAARHHGLASARQGVCHYGTKLACCYGVWRNSKGV 60
DB 1 MFLPSLALPILLSVAGFGNAAARHHGLASARQGVCHYGTKLACCYGVWRNSKGV 60
QY 61 CEATCEPGCKFGCEVGNKRCFCFPGYGTCTSDVNECGMKPRCPQHRVCVNTGHSYKFC 120
DB 61 CEATCEPGCKFGCEVGNKRCFCFPGYGTCTSDVNECGMKPRCPQHRVCVNTGHSYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEGPGCLCPSSGLRLAPNRDCLDIDECAS 180
DB 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEGPGCLCPSSGLRLAPNRDCLDIDECAS 180
QY 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSPKCKCKQYKNGLRCSAIPENSVEVLRAPIGTIKDRIKLLAHKNSMKKAKIKNVT 300
DB 241 GSPKCKCKQYKNGLRCSAIPENSVEVLRAPIGTIKDRIKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNYEEIVSRGNSHGKKGNEEK 338

RESULT 19
US-09-978-187B-119
; Sequence 119, Application US/09978187B
; Publication No. US20030096744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Garber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1CS
; CURRENT APPLICATION NUMBER: US/09/978,187B

1	CURRENT FILING DATE: 2001-10-15	1	PRIOR APPLICATION NUMBER: 60/081203
2	PRIOR APPLICATION NUMBER: 09/918585	2	PRIOR FILING DATE: 1998-04-09
3	PRIOR FILING DATE: 2001-07-30	3	PRIOR APPLICATION NUMBER: 60/081229
4	PRIOR APPLICATION NUMBER: 60/062250	4	PRIOR FILING DATE: 1998-04-09
5	PRIOR FILING DATE: 1997-10-17	5	PRIOR APPLICATION NUMBER: 60/081955
6	PRIOR APPLICATION NUMBER: 60/064249	6	PRIOR FILING DATE: 1998-04-15
7	PRIOR FILING DATE: 1997-11-03	7	PRIOR APPLICATION NUMBER: 60/081817
8	PRIOR APPLICATION NUMBER: 60/065311	8	PRIOR FILING DATE: 1998-04-15
9	PRIOR FILING DATE: 1997-11-13	9	PRIOR APPLICATION NUMBER: 60/081819
10	PRIOR APPLICATION NUMBER: 60/066364	10	PRIOR FILING DATE: 1998-04-15
11	PRIOR FILING DATE: 1997-11-21	11	PRIOR APPLICATION NUMBER: 60/081952
12	PRIOR APPLICATION NUMBER: 60/077450	12	PRIOR FILING DATE: 1998-04-15
13	PRIOR FILING DATE: 1998-03-10	13	PRIOR APPLICATION NUMBER: 60/081838
14	PRIOR APPLICATION NUMBER: 60/077632	14	PRIOR FILING DATE: 1998-04-15
15	PRIOR FILING DATE: 1998-03-11	15	PRIOR APPLICATION NUMBER: 60/082568
16	PRIOR APPLICATION NUMBER: 60/077641	16	PRIOR FILING DATE: 1998-04-21
17	PRIOR FILING DATE: 1998-03-11	17	PRIOR APPLICATION NUMBER: 60/082569
18	PRIOR APPLICATION NUMBER: 60/077649	18	PRIOR FILING DATE: 1998-04-21
19	PRIOR FILING DATE: 1998-03-11	19	PRIOR APPLICATION NUMBER: 60/082704
20	PRIOR APPLICATION NUMBER: 60/077791	20	PRIOR FILING DATE: 1998-04-22
21	PRIOR FILING DATE: 1998-03-12	21	PRIOR APPLICATION NUMBER: 60/082804
22	PRIOR APPLICATION NUMBER: 60/078004	22	PRIOR FILING DATE: 1998-04-22
23	PRIOR FILING DATE: 1998-03-13	23	PRIOR APPLICATION NUMBER: 60/082700
24	PRIOR APPLICATION NUMBER: 60/078886	24	PRIOR FILING DATE: 1998-04-22
25	PRIOR FILING DATE: 1998-03-20	25	PRIOR APPLICATION NUMBER: 60/082797
26	PRIOR APPLICATION NUMBER: 60/078936	26	PRIOR FILING DATE: 1998-04-22
27	PRIOR FILING DATE: 1998-03-20	27	PRIOR APPLICATION NUMBER: 60/082796
28	PRIOR APPLICATION NUMBER: 60/078910	28	PRIOR FILING DATE: 1998-04-23
29	PRIOR FILING DATE: 1998-03-20	29	PRIOR APPLICATION NUMBER: 60/083336
30	PRIOR APPLICATION NUMBER: 60/078939	30	PRIOR FILING DATE: 1998-04-27
31	PRIOR FILING DATE: 1998-03-20	31	PRIOR APPLICATION NUMBER: 60/083322
32	PRIOR APPLICATION NUMBER: 60/079294	32	PRIOR FILING DATE: 1998-04-28
33	PRIOR FILING DATE: 1998-03-25	33	PRIOR APPLICATION NUMBER: 60/083392
34	PRIOR APPLICATION NUMBER: 60/079656	34	PRIOR FILING DATE: 1998-04-29
35	PRIOR FILING DATE: 1998-03-26	35	PRIOR APPLICATION NUMBER: 60/083495
36	PRIOR APPLICATION NUMBER: 60/079664	36	PRIOR FILING DATE: 1998-04-29
37	PRIOR FILING DATE: 1998-03-27	37	PRIOR APPLICATION NUMBER: 60/083496
38	PRIOR APPLICATION NUMBER: 60/079689	38	PRIOR FILING DATE: 1998-04-29
39	PRIOR FILING DATE: 1998-03-27	39	PRIOR APPLICATION NUMBER: 60/083499
40	PRIOR APPLICATION NUMBER: 60/079663	40	PRIOR FILING DATE: 1998-04-29
41	PRIOR FILING DATE: 1998-03-27	41	PRIOR APPLICATION NUMBER: 60/083545
42	PRIOR APPLICATION NUMBER: 60/079728	42	PRIOR FILING DATE: 1998-04-29
43	PRIOR FILING DATE: 1998-03-27	43	PRIOR APPLICATION NUMBER: 60/083554
44	PRIOR APPLICATION NUMBER: 60/079786	44	PRIOR FILING DATE: 1998-04-29
45	PRIOR FILING DATE: 1998-03-27	45	PRIOR APPLICATION NUMBER: 60/083558
46	PRIOR APPLICATION NUMBER: 60/079920	46	PRIOR FILING DATE: 1998-04-29
47	PRIOR FILING DATE: 1998-03-30	47	PRIOR APPLICATION NUMBER: 60/083559
48	PRIOR APPLICATION NUMBER: 60/079923	48	PRIOR FILING DATE: 1998-04-29
49	PRIOR FILING DATE: 1998-03-30	49	PRIOR APPLICATION NUMBER: 60/083500
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51	PRIOR FILING DATE: 1998-03-31	51	PRIOR APPLICATION NUMBER: 60/083742
52	PRIOR APPLICATION NUMBER: 60/080107	52	PRIOR FILING DATE: 1998-04-30
53	PRIOR FILING DATE: 1998-03-31	53	PRIOR APPLICATION NUMBER: 60/084366
54	PRIOR APPLICATION NUMBER: 60/080165	54	PRIOR FILING DATE: 1998-05-05
55	PRIOR FILING DATE: 1998-03-31	55	PRIOR APPLICATION NUMBER: 60/084414
56	PRIOR APPLICATION NUMBER: 60/080194	56	PRIOR FILING DATE: 1998-05-06
57	PRIOR FILING DATE: 1998-03-31	57	PRIOR APPLICATION NUMBER: 60/084441
58	PRIOR APPLICATION NUMBER: 60/080327	58	PRIOR FILING DATE: 1998-05-06
59	PRIOR FILING DATE: 1998-04-01	59	PRIOR APPLICATION NUMBER: 60/084637
60	PRIOR APPLICATION NUMBER: 60/080328	60	PRIOR FILING DATE: 1998-05-07
61	PRIOR FILING DATE: 1998-04-01	61	PRIOR APPLICATION NUMBER: 60/084639
62	PRIOR APPLICATION NUMBER: 60/081049	62	PRIOR FILING DATE: 1998-05-07
63	PRIOR FILING DATE: 1998-04-08	63	PRIOR APPLICATION NUMBER: 60/084640
64	PRIOR APPLICATION NUMBER: 60/081071	64	PRIOR FILING DATE: 1998-05-07
65	PRIOR FILING DATE: 1998-04-08	65	PRIOR APPLICATION NUMBER: 60/084598
66	PRIOR APPLICATION NUMBER: 60/081195	66	PRIOR FILING DATE: 1998-05-07
67	PRIOR FILING DATE: 1998-04-08	67	PRIOR APPLICATION NUMBER: 60/084600
68	PRIOR APPLICATION NUMBER: 60/085339	68	PRIOR FILING DATE: 1998-05-07

APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630F1C16
CURRENT APPLICATION NUMBER: US/09/978,643A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 119
LENGTH: 338
TYPE: PRT
ORGANISM: Homo sapiens
US-09-978-643A-119

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKGECVGNKCRFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
Db 61 CEATCEPGCKGECVGNKCRFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHHCANCFNTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHHCANCFNTQ 240
QY 241 GSFKCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDRIKKLAHNSMKKAKIKNVT 300
Db 241 GSFKCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDRIKKLAHNSMKKAKIKNVT 300
QY 301 PEPTRTPTKVNLPENVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPENVEIIVSRGNSHGKKGNEEK 338

RESULT 20
US-09-978-643A-119
Sequence 119, Application US/09978643A
Publication No. US20030104998A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630F1C16
CURRENT APPLICATION NUMBER: US/09/978,643A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 119
LENGTH: 338
TYPE: PRT
ORGANISM: Homo sapiens
US-09-978-643A-119

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKGECVGNKCRFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
Db 61 CEATCEPGCKGECVGNKCRFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHHCANCFNTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHHCANCFNTQ 240
QY 241 GSFKCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDRIKKLAHNSMKKAKIKNVT 300
Db 241 GSFKCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDRIKKLAHNSMKKAKIKNVT 300
QY 301 PEPTRTPTKVNLPENVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPENVEIIVSRGNSHGKKGNEEK 338

RESULT 21
US-09-978-375A-119
Sequence 119, Application US/09978375A
Publication No. US20030130181A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.

```
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC24
; CURRENT APPLICATION NUMBER: US/09/978,375A
; PRIOR FILING DATE: 2002-04-19
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-375A-119

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MFLPWSLALPLLSSWAGGFGNAASARRHLLASAPQGVCHYGTKLACCVGWRENSKGV 60
Db 1 MFLPWSLALPLLSSWAGGFGNAASARRHLLASAPQGVCHYGTKLACCVGWRENSKGV 60

Qy 61 CEATCEPGCKFGSCVGNPKRCRCPFGYTGKTCSDVNECGMKPRPCQHRVNTGHSYKFC 120
Db 61 CEATCEPGCKFGSCVGNPKRCRCPFGYTGKTCSDVNECGMKPRPCQHRVNTGHSYKFC 120

Qy 121 LSGHMLPMDATCVNSRTCAINQYSCDETEPGQICPSSGRLAPNGRDLDTDECAS 180
Db 121 LSGHMLPMDATCVNSRTCAINQYSCDETEPGQICPSSGRLAPNGRDLDTDECAS 180

Qy 181 GKVICPNRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHANCFTNQ 240
Db 181 GKVICPNRCVNTFGSYCKCHIGFELQVIGRYDCIDINECTWDSHTCSHANCFTNQ 240

Qy 241 GSPKCKQKQKGNGLRCSAIPENSVEKVLRAFGTTIKDKIKLLAHKNSMKKKAKIKNT 300
Db 241 GSPKCKQKQKGNGLRCSAIPENSVEKVLRAFGTTIKDKIKLLAHKNSMKKKAKIKNT 300

Qy 301 PEPTRTPTPKVNLQPFNVEIIVREGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNVEIIVREGNSHGKKGNEEK 338

RESULT 22
US-09-978-298A-119
; Sequence 119, Application US/09978298A
; Publication No. US20030134785A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
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;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080333
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080334
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/081070
;; PRIOR FILING DATE: 1998-04-08
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;; PRIOR FILING DATE: 1998-04-08
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;; PRIOR APPLICATION NUMBER: 60/081195
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;; PRIOR APPLICATION NUMBER: 60/081203
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;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
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;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLFWSLALPLLSSWAGGFGNNAASARHGLAASARQPGVCHYTKLACCYGNRNSKGV 60
DB 1 MPLFWSLALPLLSSWAGGFGNNAASARHGLAASARQPGVCHYTKLACCYGNRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKRCPCPGVTGKTCSDQVNECCGMKPRPCQHRVNTHGSYKCF 120
DB 61 CEATCEPGCKFGECVGNKRCPCPGVTGKTCSDQVNECCGMKPRPCQHRVNTHGSYKCF 120

QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEBGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINQYSCDETEBGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240

QY 241 GSPKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDKRIKLLAHKNSMKKAKIKNT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDKRIKLLAHKNSMKKAKIKNT 300

QY 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338

RESULT 23
US-09-978-188A-119
; Sequence 119, Application US/09978188A
; Publication No. US20030139328A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C8
CURRENT APPLICATION NUMBER: US/09/978,188A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
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;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;

Best Local Similarity 100.0%; Pred. No. 1.4e-151; Mismatches 0; Indels 0; Gaps 0;
Matches 338; Conservative 0;

QY 1 MFLPWSLALPLLWSVAGFGNAASARHHGLLSARQGVCHYGTKLACCYGWRRNSKGV 60
DB 1 MFLPWSLALPLLWSVAGFGNAASARHHGLLSARQGVCHYGTKLACCYGWRRNSKGV 60
QY 61 CSATCEPGCKFGECVGNKRCFPYGTGKTSQDVNECGMKPRPCQRCVNTGHSYKFC 120
DB 61 CSATCEPGCKFGECVGNKRCFPYGTGKTSQDVNECGMKPRPCQRCVNTGHSYKFC 120
QY 121 LSGHMLMPDATCVNRTCAVINCOYSCDTEBGPCLCPSSGLLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNRTCAVINCOYSCDTEBGPCLCPSSGLLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTGHSYKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
DB 181 GKVICPNRRCVNTGHSYKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
QY 241 GSKFKCKGKGYKNGLRCSAIPENSVEKVLAPGTIKDIRIKKLLAHKNSMKCKAKIKNVT 300
DB 241 GSKFKCKGKGYKNGLRCSAIPENSVEKVLAPGTIKDIRIKKLLAHKNSMKCKAKIKNVT 300

QY 301 PEPTRTPTKVNLPQFNVEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTKVNLPQFNVEEIVSRGNSHGKKGNEEK 338
RESULT 24
US-09-978-681A-119
; Sequence 119, Application US/09978681A
; Publication No. US20030195148A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Ben
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C18
; CURRENT APPLICATION NUMBER: US/09/978,681A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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6 PRIOR APPLICATION NUMBER: 60/079689
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16 PRIOR APPLICATION NUMBER: 60/079923
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18 PRIOR APPLICATION NUMBER: 60/080105
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21 PRIOR FILING DATE: 1998-03-31
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23 PRIOR FILING DATE: 1998-03-31
24 PRIOR APPLICATION NUMBER: 60/080194
25 PRIOR FILING DATE: 1998-03-31
26 PRIOR APPLICATION NUMBER: 60/080327
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37 PRIOR FILING DATE: 1998-04-08
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39 PRIOR FILING DATE: 1998-04-08
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42 PRIOR APPLICATION NUMBER: 60/081203
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44 PRIOR APPLICATION NUMBER: 60/081229
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62 PRIOR APPLICATION NUMBER: 60/082804
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64 PRIOR APPLICATION NUMBER: 60/082700
65 PRIOR FILING DATE: 1998-04-22
66 PRIOR APPLICATION NUMBER: 60/082797
67 PRIOR FILING DATE: 1998-04-22
68 PRIOR APPLICATION NUMBER: 60/082796
69 PRIOR FILING DATE: 1998-04-23
70 PRIOR APPLICATION NUMBER: 60/083336
71 PRIOR FILING DATE: 1998-04-27
72 PRIOR APPLICATION NUMBER: 60/083322
73 PRIOR FILING DATE: 1998-04-28

1 PRIOR APPLICATION NUMBER: 60/083392
2 PRIOR FILING DATE: 1998-04-29
3 PRIOR APPLICATION NUMBER: 60/083495
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5 PRIOR APPLICATION NUMBER: 60/083496
6 PRIOR FILING DATE: 1998-04-29
7 PRIOR APPLICATION NUMBER: 60/083499
8 PRIOR FILING DATE: 1998-04-29
9 PRIOR APPLICATION NUMBER: 60/083545
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17 PRIOR APPLICATION NUMBER: 60/083500
18 PRIOR FILING DATE: 1998-04-29
19 PRIOR APPLICATION NUMBER: 60/083742
20 PRIOR FILING DATE: 1998-04-30
21 PRIOR APPLICATION NUMBER: 60/084366
22 PRIOR FILING DATE: 1998-05-05
23 PRIOR APPLICATION NUMBER: 60/084414
24 PRIOR FILING DATE: 1998-05-06
25 PRIOR APPLICATION NUMBER: 60/084441
26 PRIOR FILING DATE: 1998-05-06
27 PRIOR APPLICATION NUMBER: 60/084637
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29 PRIOR APPLICATION NUMBER: 60/084639
30 PRIOR FILING DATE: 1998-05-07
31 PRIOR APPLICATION NUMBER: 60/084640
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34 PRIOR FILING DATE: 1998-05-07
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37 PRIOR APPLICATION NUMBER: 60/084627
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43 PRIOR APPLICATION NUMBER: 60/085338
44 PRIOR FILING DATE: 1998-05-13
45 PRIOR APPLICATION NUMBER: 60/085323
46 PRIOR FILING DATE: 1998-05-13
47 PRIOR APPLICATION NUMBER: 60/085582
48 PRIOR FILING DATE: 1998-05-15
49 PRIOR APPLICATION NUMBER: 60/085700
50 PRIOR FILING DATE: 1998-05-15
51 PRIOR APPLICATION NUMBER: 60/085689
52 PRIOR FILING DATE: 1998-05-15
53 PRIOR APPLICATION NUMBER: 60/085579
54 PRIOR FILING DATE: 1998-05-15
55 PRIOR APPLICATION NUMBER: 60/085580
56 PRIOR FILING DATE: 1998-05-15
57 PRIOR APPLICATION NUMBER: 60/085573
58 PRIOR FILING DATE: 1998-05-15
59 PRIOR APPLICATION NUMBER: 60/085704
60 PRIOR FILING DATE: 1998-05-15
61 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLISWVAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLISWVAGFGNNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGCVGNKCRCPGGTGTCTSDVNECGMKRPPCOHRCVNTHTGSKYKFC 120
DB 61 CEATCEPGCKFGCVGNKCRCPGGTGTCTSDVNECGMKRPPCOHRCVNTHTGSKYKFC 120

QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEBGPQCLCPSSGLRLAPNGRDCLDIDECA 180
Db 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEBGPQCLCPSSGLRLAPNGRDCLDIDECA 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGPELOVISGRYDCIDINECTMDSHHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGPELOVISGRYDCIDINECTMDSHHANCFTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPOTTIKDLAKHNSMKKAKIKNT 300
Db 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPOTTIKDLAKHNSMKKAKIKNT 300
QY 301 PEPTRTPTKYNLOPFNYEIVSRGNSHGKGNBEK 338
Db 301 PEPTRTPTKYNLOPFNYEIVSRGNSHGKGNBEK 338

RESULT 25

US-03-978-194A-119
; Sequence 119, Application US/09978194A
; Publication No. US20030195333A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Eilen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC10
; CURRENT APPLICATION NUMBER: US/09/978,194A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR APPLICATION NUMBER: 60/077791
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; PRIOR FILING DATE: 1998-05-15

; PRIOR APPLICATION NUMBER: 60/085697
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Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MFLPWSLALPLLLSWVAGGFGNAAARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGCEGVPNKRCRCFPGYTGKTSQDVNECGMKPRPCQHRVCVNTHSYKCF 120
DB 61 CEATCEPGCKFGCEGVPNKRCRCFPGYTGKTSQDVNECGMKPRPCQHRVCVNTHSYKCF 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRCVNTFGSYCKCHIGFELYISGRVDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRCVNTFGSYCKCHIGFELYISGRVDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKKLLAHKNSMKKAKIKNVT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVKELRAPGTIKDRIKKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTKVMLOPPNVEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTKVMLOPPNVEEIVSRGNSHGKKGNEEK 338

RESULT 26

US-09-999-829A-119
; Sequence 119, Application US/09999829A
; Publication No. US20030195344A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P26301C61
; CURRENT APPLICATION NUMBER: US/09/999,829A
; NUMBER OF SEQ ID NOS: 624
; PRIOR Application removed - See File Wrapper or Palm
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT

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; ORGANISM: Homo sapiens
US-09-999-829A-119

Query Match      100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGQCLCPSSGRLAPNRDCLDIDECAS 180
QY 181 GKVICPNRNCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRNCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEKVLRAPOTTIKDRIKKLLAHKNSMKKAKIKNT 300
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QY 301 PEPTPTPTPKVNLQPNFNEEIVSRGNSHGKGNEEK 338
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US-09-978-299A-119
; Sequence 119, Application US/09978299A
; Publication No. US20030199435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC3
; CURRENT APPLICATION NUMBER: US/09/978,299A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/081955
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C13
CURRENT APPLICATION NUMBER: US/09/978,544A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918595
PRIOR FILING DATE: 2001-07-30
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21	PRIOR FILING DATE: 1998-05-15	60/085580
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23	PRIOR FILING DATE: 1998-05-15	60/085573
24	PRIOR APPLICATION NUMBER: 60/085573	
25	PRIOR FILING DATE: 1998-05-15	60/085704
26	PRIOR APPLICATION NUMBER: 60/085704	
27	PRIOR FILING DATE: 1998-05-15	60/085697
28	PRIOR APPLICATION NUMBER: 60/085697	

Query Match	100.0%;	Score	1931;	DB	10;	Length	338;		
Best Local Similarity	100.0%;	Pred.	No. 1.4e-151;						
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Db	1	MPLPWSLALPILLWSVAGFGFNAAASARHHGLLASARQPGVCHYGTGTLACCYGWRNSKGV	60						
QY	61	CEATCEPCKGCECVGNPKRCFPFGYTKTCSQDVNECGMKPRPCQHRVCNTHGSYKFC	120						
Db	61	CEATCEPCKGCECVGNPKRCFPFGYTKTCSQDVNECGMKPRPCQHRVCNTHGSYKFC	120						
QY	121	LSGHMLMPDATCVNSRTCAMINCOYSCEDTTEEGPQCLCPSSGGLRLAPNGEDCLDIDECAS	180						
Db	121	LSGHMLMPDATCVNSRTCAMINCOYSCEDTTEEGPQCLCPSSGGLRLAPNGRDCLDIDECAS	180						
QY	181	GVKICPVNRRVCNTEGSGYCKKCHIGFELQYISGRYDCIDINECTMDSHSTCSHANGCNFQ	240						
Db	181	GVKICPVNRRVCNTEGSGYCKKCHIGFELQYISGRYDCIDINECTMDSHSTCSHANGCNFQ	240						
QY	241	GSFKCKCKQYKNGRLRCSAIPENSVKVEFLRAPGTIKDRIKCLLAHNSMKKKAKIKNT	300						
Db	241	GSFKCKCKQYKNGRLRCSAIPENSVKVEFLRAPGTIKDRIKCLLAHNSMKKKAKIKNT	300						
QY	301	PEPTTPTPKVNLQPNFYEEIVSRGNSHGKGNBEK	338						
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RESULT 29

US-09-978-665A-119
; Sequence 119, Application US/09978665A
; Publication No. US20030199437A1

: GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flwaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerbet, Hanspeter

;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 10; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MFLPWSLALPLLISWVAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCFPFGYGTCTCSQDVNECGMKPRPCQHRVCNTHGSKFC 120
DB 61 CEATCEPGCKFGECVGNKRCFPFGYGTCTCSQDVNECGMKPRPCQHRVCNTHGSKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEEPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEEPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHTCSHANCFTNQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHTCSHANCFTNQ 240
QY 241 GSPFKCKQGYKGNGLRCSAIPENSKEVLRAGTTIKDLAHKNSMCKKAKIKNT 300
DB 241 GSPFKCKQGYKGNGLRCSAIPENSKEVLRAGTTIKDLAHKNSMCKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338

Sequence 119, Application US/09978802A
Publication No. US20030199674A1
GENERAL INFORMATION:
APPLICANT: Ahkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C20
CURRENT APPLICATION NUMBER: US/09/978,802A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/066364
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[illegible]

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; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-917A-119

Query Match      100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 CEATCEPCKGEGCVGNKCRCPGYTGKTCSDQVNECGMKPRPCQHRVCVNTHTSGSKFC 120
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QY 121 LSGHMLMPDATCVNSRTCAVNTNCOYSCDETEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
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Db 121 LSGHMLMPDATCVNSRTCAVNTNCOYSCDETEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHTGFELOVYISGYDCIDINECTMDSHTSHHANCFTQ 240
    |||
Db 181 GKVICPNRRCVNTFGSYCKCHTGFELOVYISGYDCIDINECTMDSHTSHHANCFTQ 240

QY 241 GSFCKCKQGYKGNGLRCSAIPENSVKVLRAPGTIKDIRIKLLAHKNSMKKAKIKNT 300
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QY 301 PEPTPTPKVNLQPFNFYEIVSRGNSHGKKGNEEK 338
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RESULT 34
US-09-999-834A-119
; Sequence 119, Application US/09999834A
; Publication NO. US20030084407A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
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; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC75
; CURRENT APPLICATION NUMBER: US/09/999,834A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
;
Query Match 100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 1 MPLPWSLALPLLLSWAGFGNAASARHHGLIASARQPGVCHYGTKLACCYGWERNKGV 60
Db 1 MPLPWSLALPLLLSWAGFGNAASARHHGLIASARQPGVCHYGTKLACCYGWERNKGV 60
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Qy 61 CEATCEPGCKFGCEGVPNKRCRCPGYTGKTCSDVNECGMKPRPCOHRVCVNTHTSGYKFC 120
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Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEBGPCLCPSSGLRLAPNRCGLDIDECAS 180
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Qy 181 GKVICPNBRCVNTFTSGYCKCHIGFELQYLSGRVDCIDINECTMDSHTCSHANCFTNQ 240
Db 181 GKVICPNBRCVNTFTSGYCKCHIGFELQYLSGRVDCIDINECTMDSHTCSHANCFTNQ 240
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Qy 241 GSPFKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMCKKAKIKNVT 300
Db 241 GSPFKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMCKKAKIKNVT 300
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Qy 301 PEPTRTPTPKVNLQPNFNEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPNFNEEIVSRGNSHGKKGNEEK 338
;
RESULT 35
US-10-162-521A-119
; Sequence 119, Application US/10162521A
; Publication No. US20030211092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.

```

; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C55
; CURRENT APPLICATION NUMBER: US/10/162,521A
; CURRENT FILING DATE: 2002-11-29
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-162-521A-119

Query Match      100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNRSGV 60
DB 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNRSGV 60

QY 61 CEATCEPGCKFGECVGNPKRCFCFGYTGKTCSDQVNECGMKRCPQHRQVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCFCFGYTGKTCSDQVNECGMKRCPQHRQVNTGHSYKFC 120

QY 61 CEATCEPGCKFGECVGNPKRCFCFGYTGKTCSDQVNECGMKRCPQHRQVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCFCFGYTGKTCSDQVNECGMKRCPQHRQVNTGHSYKFC 120

QY 121 LSGHMLPDPATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLPDPATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

QY 241 GSFCKCKQGYKNGLRCISAIPENSKEVLRAPGTIKRILKLLAHNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKNGLRCISAIPENSKEVLRAPGTIKRILKLLAHNSMKKKAKIKNT 300

QY 301 PEPTTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 36
US-10-145-016A-119
; Sequence 119, Application US/10145016A
; Publication No. US20030203433A1
; GENERAL INFORMATION:

```

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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C52
; CURRENT APPLICATION NUMBER: US/10/145,016A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-145-016A-119

Query Match      100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNRSGV 60
DB 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNRSGV 60

QY 61 CEATCEPGCKFGECVGNPKRCFCFGYTGKTCSDQVNECGMKRCPQHRQVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCFCFGYTGKTCSDQVNECGMKRCPQHRQVNTGHSYKFC 120

QY 61 CEATCEPGCKFGECVGNPKRCFCFGYTGKTCSDQVNECGMKRCPQHRQVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCFCFGYTGKTCSDQVNECGMKRCPQHRQVNTGHSYKFC 120

QY 121 LSGHMLPDPATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLPDPATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

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Db 121 LSGHMLPDTATVNSRTCAINCOYSCDETEGPGQCLPSSGLRLAPNGRDLIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHSHANCFTQ 240
Qy 241 GSPKCKCKQYKNGLRCSAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
Db 241 GSPKCKCKQYKNGLRCSAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
Qy 301 PEPTRTPTKVNLPQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 37

US-10-145-088A-119
; Sequence 119, Application US/10145088A
; Publication No. US2003020343A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCES: P2630PIC49
; CURRENT APPLICATION NUMBER: US/10/145, 088A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-088A-119
Query Match 100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MPLPWSLALPILLSWVAGFGNARSARHHGLLASARQPGVCHYGTKLACCVGWRNSKGV 60
Db 1 MPLPWSLALPILLSWVAGFGNARSARHHGLLASARQPGVCHYGTKLACCVGWRNSKGV 60
Qy 61 CEATCEPGCKFGCEVGNKRCFCFPGYTGKTCSDQVNECGMKPRFCQHRCVNTHSGYKFC 120
Db 61 CEATCEPGCKFGCEVGNKRCFCFPGYTGKTCSDQVNECGMKPRFCQHRCVNTHSGYKFC 120
Qy 121 LSGHMLPDTATVNSRTCAINCOYSCDETEGPGQCLPSSGLRLAPNGRDLIDECAS 180
Db 121 LSGHMLPDTATVNSRTCAINCOYSCDETEGPGQCLPSSGLRLAPNGRDLIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHSHANCFTQ 240
Qy 241 GSPKCKCKQYKNGLRCSAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
Db 241 GSPKCKCKQYKNGLRCSAIPENSVEVLAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
Qy 301 PEPTRTPTKVNLPQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 38

US-10-145-092A-119
; Sequence 119, Application US/10145092A
; Publication No. US2003020343A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCES: P2630PIC45
; CURRENT APPLICATION NUMBER: US/10/145, 092A


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; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-092A-119

```

```

Query Match      100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGCECVGNPKRCRCPFGYTGKTCSDQVNECGMKPRCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKFGCECVGNPKRCRCPFGYTGKTCSDQVNECGMKPRCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

QY 241 GSFCKCKQGYKNGLRCSAIPENSVKELRAPGTIKDRIKLLAHKNSMCKKAKIKNVT 300
DB 301 PEPTRTPTKVNLPFNVEEIVSRGNGSHGKKGNEEK 338
DB 301 PEPTRTPTKVNLPFNVEEIVSRGNGSHGKKGNEEK 338

```

```

RESULT 39
US-10-145-129A-119
; Sequence 119, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

```

```

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Pacni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L. A.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-129A-119

```

```

Query Match      100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGCECVGNPKRCRCPFGYTGKTCSDQVNECGMKPRCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKFGCECVGNPKRCRCPFGYTGKTCSDQVNECGMKPRCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

QY 241 GSFCKCKQGYKNGLRCSAIPENSVKELRAPGTIKDRIKLLAHKNSMCKKAKIKNVT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSVKELRAPGTIKDRIKLLAHKNSMCKKAKIKNVT 300

```

QY 301 PEPTPTPKVNLQPNFYBIEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPKVNLQPNFYBIEIVSRGNSHGKKGNEEK 338

RESULT 40
US-10-165-038A-119
; Sequence 119, Application US/10165038A
; Publication No. US20030203441A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC29
; CURRENT APPLICATION NUMBER: US/10/165,038A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PPT
; ORGANISM: Homo sapiens
US-10-165-038A-119

Query Match 100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSIALPLLLSWVAGGFGNAASARHHGLLASARQPCVCHYGTKLACCCYGRNRSKGV 60
Db 1 MPLPWSIALPLLLSWVAGGFGNAASARHHGLLASARQPCVCHYGTKLACCCYGRNRSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCRCFPGYTGKTCSDQVNECGMKRPPQHRCVNTHGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKRCRCFPGYTGKTCSDQVNECGMKRPPQHRCVNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYICKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYICKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSPCKCKQGYKNGLRCSAIPENSVEIVRAPGTIKRIKGLAHKSMKKKAKIKNVT 300
Db 241 GSPCKCKQGYKNGLRCSAIPENSVEIVRAPGTIKRIKGLAHKSMKKKAKIKNVT 300
QY 301 PEPTPTPKVNLQPNFYBIEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPKVNLQPNFYBIEIVSRGNSHGKKGNEEK 338

RESULT 41
US-10-165-353A-119
; Sequence 119, Application US/10165353A
; Publication No. US20030203442A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC40
; CURRENT APPLICATION NUMBER: US/10/165,353A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364

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; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-165-353A-119

Query Match      100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPCKGEGCVGNKRCFPFGYTKTCSQDVNECGMKPRPCQHRVNTGSHKCF 120
Db 61 CEATCEPCKGEGCVGNKRCFPFGYTKTCSQDVNECGMKPRPCQHRVNTGSHKCF 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLLAHKNSMKKAKIKNVT 300
Db 241 GSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTPTPTKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPTKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
```

RESULT 42

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US-10-167-600-119
; Sequence 119, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
```

```
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630F1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-600-119

Query Match      100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPCKGEGCVGNKRCFPFGYTKTCSQDVNECGMKPRPCQHRVNTGSHKCF 120
Db 61 CEATCEPCKGEGCVGNKRCFPFGYTKTCSQDVNECGMKPRPCQHRVNTGSHKCF 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLLAHKNSMKKAKIKNVT 300
Db 241 GSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTPTPTKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPTKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
```

RESULT 43

```
US-10-170-481A-119
; Sequence 119, Application US/10170481A
; Publication No. US20030203444A1
```

```

GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferraza, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C53
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-170-481A-119

Query Match 100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLLSWAGFGNNAARHGLLASARQPGVCHYGTKLACCCYGWERNKGV 60
DB 1 MFLPWSLALPLLLSWAGFGNNAARHGLLASARQPGVCHYGTKLACCCYGWERNKGV 60
QY 61 CEATCFPGKFGCEVGNPKRCFPVGTGKTCSDQVNEGCMKPRPCQHCNVNTHSGSKFC 120
DB 61 CEATCFPGKFGCEVGNPKRCFPVGTGKTCSDQVNEGCMKPRPCQHCNVNTHSGSKFC 120

121 LSGHMLMPDATCVNRTCAAMINCOYSCEDTEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
121 LSGHMLMPDATCVNRTCAAMINCOYSCEDTEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHHCNCFNTQ 240
181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRVDCIDINECTMDSHHCNCFNTQ 240
241 GSFCKCKQGYKGNGLRCSAIPENSVKVLRAPGTIKORIKLLAHQNSMKKAKIKNVT 300
241 GSFCKCKQGYKGNGLRCSAIPENSVKVLRAPGTIKORIKLLAHQNSMKKAKIKNVT 300
301 PEPTRTPTKVNLOPENVEIIVSRGNSHGKKGNEEK 338
301 PEPTRTPTKVNLOPENVEIIVSRGNSHGKKGNEEK 338

RESULT 44
US-10-172-039A-119
; Sequence 119, Application US/10172039A
; Publication No. US20030203445A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferraza, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C30
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791

```

; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-172-039A-119

Query Match 100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPMSLALPLLSSWAGGFGNAAARHGLASARQPGVCHYGTKLACCYGWRNRSKGV 60
DB 1 MPLPMSLALPLLSSWAGGFGNAAARHGLASARQPGVCHYGTKLACCYGWRNRSKGV 60

QY 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQVYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQVYISGRYDCIDINECTMDSHTCSHANCFTQ 240

QY 241 GSFCKCKQGYKGNGLRCSAIPNSVKEVLRAFGTTIKDRIKKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKGNGLRCSAIPNSVKEVLRAFGTTIKDRIKKLLAHKNSMKKKAKIKNT 300

QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 45
US-10-210-028-119
; Sequence 119, Application US/10210028
; Publication NO. US20030203446A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C52

; CURRENT APPLICATION NUMBER: US/10/210,028
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-210-028-119

Query Match 100.0%; Score 1931; DB 12; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPMSLALPLLSSWAGGFGNAAARHGLASARQPGVCHYGTKLACCYGWRNRSKGV 60
DB 1 MPLPMSLALPLLSSWAGGFGNAAARHGLASARQPGVCHYGTKLACCYGWRNRSKGV 60

QY 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQVYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQVYISGRYDCIDINECTMDSHTCSHANCFTQ 240

QY 241 GSFCKCKQGYKGNGLRCSAIPNSVKEVLRAFGTTIKDRIKKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKGNGLRCSAIPNSVKEVLRAFGTTIKDRIKKLLAHKNSMKKKAKIKNT 300

QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 46
US-10-017-081A-119
; Sequence 119, Application US/10017081A
; Publication NO. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

```

; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-081A-119

Query Match          100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLSSWAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
DB 1 MFLPWSLALPLLSSWAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
QY 61 CEATCEPGCKFGECVGNPKRCRCPFGVTGKTCSDVNECGMKRPPQHRVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCRCPFGVTGKTCSDVNECGMKRPPQHRVNTGHSYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELOYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELOYISGRYDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKKAKIKNT 300

RESULT 47
US-10-167-749-119
; Sequence 119, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrata, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman

```

```

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/167,749
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-749-119

Query Match          100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLSSWAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
DB 1 MFLPWSLALPLLSSWAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
QY 61 CEATCEPGCKFGECVGNPKRCRCPFGVTGKTCSDVNECGMKRPPQHRVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCRCPFGVTGKTCSDVNECGMKRPPQHRVNTGHSYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEEGPQCLPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELOYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELOYISGRYDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKKAKIKNT 300
DB 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKKAKIKNT 300

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Db 241 GSFKCKQYKGNLRCSPAIPNSVKEVLRAPGTIKDKRIKLLAHKSMKKKAKIKNT 300
Oy 301 PEPTRTPKVNLPQFNYYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPKVNLPQFNYYEIVSRGNSHGKKGNEEK 338

RESULT 48

US-10-013-921A-119

; Sequence 119, Application US/10013921A

; Publication No. US20030068648A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kijavini, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630PIC84

; CURRENT FILING DATE: 2002-03-19

; PRIOR APPLICATION NUMBER: US/10/013, 921A

; PRIOR FILING DATE: 2001-07-30

; PRIOR FILING DATE: 1997-10-17

; PRIOR FILING DATE: 1997-11-03

; PRIOR FILING DATE: 1997-11-13

; PRIOR FILING DATE: 1997-11-21

; PRIOR FILING DATE: 1998-03-10

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-12

; PRIOR FILING DATE: 1998-03-13

; PRIOR FILING DATE: 1998-03-20

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; PRIOR APPLICATION NUMBER: 60/078939
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; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
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; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
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; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336

61 CEATCEPGCKFGECVGNKRCRFPYTGKTCSDVNECGMKRCPCHRCVNTGSHGKFC 120
61 CEATCEPGCKFGECVGNKRCRFPYTGKTCSDVNECGMKRCPCHRCVNTGSHGKFC 120
121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEBGPCLCPSSGLRLAPNDRDCLDIDECAS 180
121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEBGPCLCPSSGLRLAPNDRDCLDIDECAS 180
181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
241 GSPFKCKCKQYKGNGLRCSAIPENSVKELVLRAPGTIKRIKKLAHKNMCKKAKIKNT 300
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301 PEPTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
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RESULT 49

US-10-013-929A-119
; Sequence 119, Application US/10013929A
; Publication No. US20030072745A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C89
; CURRENT APPLICATION NUMBER: US/10/013,929A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MFLPWSLALPLLSSVAGFGNVAARHGLLASARQPGVCHYTKLACCYGRNRSGV 60
1 MFLPWSLALPLLSSVAGFGNVAARHGLLASARQPGVCHYTKLACCYGRNRSGV 60

[illegible]

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLWSWAGGFGNNAASARHHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
DB 1 MFLPWSLALPLLWSWAGGFGNNAASARHHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKRPPCOHRCVNTHSGYKFC 120
DB 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKRPPCOHRCVNTHSGYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCEDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCEDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSPFKCKQKQYKGNGLRCSAIPENSVEKVLRAFGTIKDRIKKLAHNSMKKKAKIKNT 300
DB 241 GSPFKCKQKQYKGNGLRCSAIPENSVEKVLRAFGTIKDRIKKLAHNSMKKKAKIKNT 300
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RESULT 50

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US-10-016-177A-119
; Sequence 119, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630F1C90
; CURRENT APPLICATION NUMBER: US/10/016.177A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
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; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-016-177A-119

Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLWSWAGGFGNNAASARHHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
DB 1 MFLPWSLALPLLWSWAGGFGNNAASARHHGLLASARQPGVCHYGTGKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKRPPCOHRCVNTHSGYKFC 120
DB 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKRPPCOHRCVNTHSGYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCEDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCEDETEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSPFKCKQKQYKGNGLRCSAIPENSVEKVLRAFGTIKDRIKKLAHNSMKKKAKIKNT 300
DB 241 GSPFKCKQKQYKGNGLRCSAIPENSVEKVLRAFGTIKDRIKKLAHNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
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RESULT 51

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US-10-166-709A-119
; Sequence 119, Application US/10166709A
; Publication No. US20030104536A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630F1C59
; CURRENT APPLICATION NUMBER: US/10/166,709A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTGLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTGLACCYGWRNSKGV 60

Qy 61 CEATCEPGCKFGECVGNKCRCPGTYGTCTSDVNECGMKPRPCQHRVCVNTHSGYKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPGTYGTCTSDVNECGMKPRPCQHRVCVNTHSGYKFC 120

Qy 121 LSGHMLMPDATCVNSRTCAMINQYSCEDTEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINQYSCEDTEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180

Qy 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

Qy 241 GSPFKCKQYKGNGLRCSAIPENSVKVLRAPGTTIKDRIKKLAHNSMKKKAKIKNT 300
Db 241 GSPFKCKQYKGNGLRCSAIPENSVKVLRAPGTTIKDRIKKLAHNSMKKKAKIKNT 300

Qy 301 PEPTRTPTPKVNTLQPFNYEIVSRGNSHGKKGNEK 338
Db 301 PEPTRTPTPKVNTLQPFNYEIVSRGNSHGKKGNEK 338

US-10-143-031A-119
; Sequence 119, Application US/10143031A
; Publication No. US20030138439A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Oiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;

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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC39
; CURRENT APPLICATION NUMBER: US/10/143,031A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-031A-119

Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTGLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTGLACCYGWRNSKGV 60

Qy 61 CEATCEPGCKFGECVGNKCRCPGTYGTCTSDVNECGMKPRPCQHRVCVNTHSGYKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPGTYGTCTSDVNECGMKPRPCQHRVCVNTHSGYKFC 120

Qy 121 LSGHMLMPDATCVNSRTCAMINQYSCEDTEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINQYSCEDTEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180

Qy 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

Qy 241 GSPFKCKQYKGNGLRCSAIPENSVKVLRAPGTTIKDRIKKLAHNSMKKKAKIKNT 300
Db 241 GSPFKCKQYKGNGLRCSAIPENSVKVLRAPGTTIKDRIKKLAHNSMKKKAKIKNT 300

Qy 301 PEPTRTPTPKVNTLQPFNYEIVSRGNSHGKKGNEK 338
Db 301 PEPTRTPTPKVNTLQPFNYEIVSRGNSHGKKGNEK 338

US-10-143-031A-119
; Sequence 119, Application US/10143031A
; Publication No. US20030147901A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Oiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;

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RESULT 53

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US-10-143-030A-119
; Sequence 119, Application US/10143030A
; Publication No. US20030147901A1

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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC33
; CURRENT APPLICATION NUMBER: US/10/143.030A
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-143-030A-119

Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MELPWSLALPLLSSVAGGNGASARHHGLASAROPGVCHYGTKLACCGVRRNSKGV 60
Db      1  MELPWSLALPLLSSVAGGNGASARHHGLASAROPGVCHYGTKLACCGVRRNSKGV 60
QY      61  CEATCEPGCKFGEYGNPKRCFPQYTGKTCSDVNECGMKPRPCQHRVCVNTHTGSKYKFC 120
Db      61  CEATCEPGCKFGEYGNPKRCFPQYTGKTCSDVNECGMKPRPCQHRVCVNTHTGSKYKFC 120

; Sequence 119, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC72
; CURRENT APPLICATION NUMBER: US/10/002,967A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12

QY      121  LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGRLRPLAPNGRCLDIDECAS 180
Db      121  LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGRLRPLAPNGRCLDIDECAS 180
QY      181  GKVICPYNRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db      181  GKVICPYNRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY      241  GSPFKCKCKQYKNGLRCSAIPENSVKVLRAPGTIKDRIKLLAHKNSMKKKAKIKNVT 300
Db      241  GSPFKCKCKQYKNGLRCSAIPENSVKVLRAPGTIKDRIKLLAHKNSMKKKAKIKNVT 300
QY      301  PEPTRTPPKVNLQPNFYBEIVSRGNSHGKKGNEEK 338
Db      301  PEPTRTPPKVNLQPNFYBEIVSRGNSHGKKGNEEK 338

RESULT 54
US-10-002-967A-119
; Sequence 119, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC72
; CURRENT APPLICATION NUMBER: US/10/002,967A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
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Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSIALPLLLSWAGGFGNAASARHGHLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSIALPLLLSWAGGFGNAASARHGHLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKRCRCFPYGTGKTCSQDVNECGMKRPPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCRCFPYGTGKTCSQDVNECGMKRPPCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEBPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEBPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRVCNTHGSKYKCHIGFELQYISGRYDCIDINECTMDSHHANCFTQ 240
DB 181 GKVICPNRRVCNTHGSKYKCHIGFELQYISGRYDCIDINECTMDSHHANCFTQ 240

QY 241 GSPKCKCKQYKGNGLRCSAIPENSVEKVLRAPTTIKORIKKLLAHKNSMKKKAKIKNT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVEKVLRAPTTIKORIKKLLAHKNSMKKKAKIKNT 300

QY 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338

RESULT 55
US-10-017-083A-119
; Sequence 119, Application US/10017083A
; Publication No. US20030148376A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C67
; CURRENT APPLICATION NUMBER: US/10/017,083A
; CURRENT FILING DATE: 2001-10-24
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-017-083A-119
Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSIALPLLLSWAGGFGNAASARHGHLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSIALPLLLSWAGGFGNAASARHGHLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKRCRCFPYGTGKTCSQDVNECGMKRPPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKFGECVGNKRCRCFPYGTGKTCSQDVNECGMKRPPCQHRVCNTHGSKYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEBPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEBPQCLCPSSGLRLAPNGRDCLDIDECAS 180

QY 181 GKVICPNRRVCNTHGSKYKCHIGFELQYISGRYDCIDINECTMDSHHANCFTQ 240
DB 181 GKVICPNRRVCNTHGSKYKCHIGFELQYISGRYDCIDINECTMDSHHANCFTQ 240

QY 241 GSPKCKCKQYKGNGLRCSAIPENSVEKVLRAPTTIKORIKKLLAHKNSMKKKAKIKNT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVEKVLRAPTTIKORIKKLLAHKNSMKKKAKIKNT 300

QY 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338

RESULT 56
US-10-145-128A-119
; Sequence 119, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C46
; CURRENT APPLICATION NUMBER: US/10/145,128A
; CURRENT FILING DATE: 2002-10-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens

;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 119
;; LENGTH: 338
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-145-128A-119

Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MFLPWSLALPILLSWAGSGFNAASARHHGLLASARQPGVCHYGTKLACCYGRNRSKGV 60

Qy 61 CEATCEGCKGFCGVCNKGKRCFPFGYGTCTSDVNECGMKRPPCQHRVCTHGSYKFCFC 120
Db 61 CEATCEGCKGFCGVCNKGKRCFPFGYGTCTSDVNECGMKRPPCQHRVCTHGSYKFCFC 120

Qy 121 LSGHMLPMDATCVNSRTCAMINCOYSCEDETEGPGQCLPSSGLRLAPNGRDCIDIDECA 180
Db 121 LSGHMLPMDATCVNSRTCAMINCOYSCEDETEGPGQCLPSSGLRLAPNGRDCIDIDECA 180

Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQVIGRYCIDINECTMDSHTCSHANCFTQ 240

Qy 241 GSFKCKCKQYKGNGLRCSAIPENSVKVELRAPGTIKDRICKLAHNSMKKAKIKNT 300
Db 241 GSFKCKCKQYKGNGLRCSAIPENSVKVELRAPGTIKDRICKLAHNSMKKAKIKNT 300

Qy 301 PEPTRTPTKVNLOPFNYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLOPFNYEIVSRGNSHGKKGNEEK 338

RESULT 57

US-10-017-191A-119
; Sequence 119, Application US/10017191A
; Publication No. US20030170254A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.

;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; TITLE OF INVENTION: Acids Encoding the Same
;; FILE REFERENCES: F2630PIC62
;; CURRENT APPLICATION NUMBER: US/10/017,191A
;; CURRENT FILING DATE: 2001-10-24
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
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;; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
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Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
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DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANGFNQ 240
QY 241 GSFYCKCKQGYKGNLRCSPAIPNSVKEVLRAPTTKDRIKKLAHNSMKKAKIKNT 300
DB 241 GSFYCKCKQGYKGNLRCSPAIPNSVKEVLRAPTTKDRIKKLAHNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 58
US-10-143-028A-119
; Sequence 119, Application US/10143028A
; Publication No. US20030180310A1
; GENERAL INFORMATION:
; APPLICANT: Ashtkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David

1 PRIOR FILING DATE: 1998-03-20
2 PRIOR APPLICATION NUMBER: 60/078936
3 PRIOR FILING DATE: 1998-03-20
4 PRIOR APPLICATION NUMBER: 60/078910
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73 PRIOR FILING DATE: 1998-04-22

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Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Caps 0;

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DB 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
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RESULT 60

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US-10-145-089A-119
; Sequence 119, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C31
; CURRENT APPLICATION NUMBER: US/10/145,089A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1997-11-21
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; PRIOR FILING DATE: 1998-03-11
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; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-089A-119

Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLLLSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
DB 1 MFLPWSLALPLLLLSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCRCPGYTGKTCSDQVNECGMKPRPCQHRVCVNTGSHGKFC 120
DB 61 CEATCEPGCKFGECVGNKRCRCPGYTGKTCSDQVNECGMKPRPCQHRVCVNTGSHGKFC 120
QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCDETEGPOCLCPSSGLRLAPNGRCLDIDECAS 180
QY 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRVCNTFGSYCKCHIGFELQYISGRVDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
DB 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDRIKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
```

RESULT 61

```
US-10-165-067A-119
; Sequence 119, Application US/10165067A
; Publication No. US20030185841A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
```

```
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C42
/ CURRENT APPLICATION NUMBER: US/10/165,067A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 119
/ LENGTH: 338
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-165-067A-119

Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLWSVAGGFGNAASARHHGLLASARQGVCHYGTGKLAACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLWSVAGGFGNAASARHHGLLASARQGVCHYGTGKLAACCYGWRNSKGV 60
QY 61 CEATCEPGCKEFCVGNKRCFCPGYTGKTCSDVNECGMKPRCQHRVCVNTGSKYKFC 120
Db 61 CEATCEPGCKEFCVGNKRCFCPGYTGKTCSDVNECGMKPRCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTGSKYKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
Db 181 GKVICPNRRCVNTGSKYKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
QY 241 GSFCKCKCKGKNGLRCSAIPNSVKEVLRAPGTIKDRIKKLAHNSMKKKAKIKNVT 300
Db 241 GSFCKCKCKGKNGLRCSAIPNSVKEVLRAPGTIKDRIKKLAHNSMKKKAKIKNVT 300
QY 301 PEFTTRTPKVNLPFPNVEEIVSRGNSHGKCKGNEEK 338
Db 301 PEFTTRTPKVNLPFPNVEEIVSRGNSHGKCKGNEEK 338
```

RESULT 62

US-10-145-017A-119

; Sequence 119, Application US/10145017A

; Publication No. US20030186365A1

; GENERAL INFORMATION:

```
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C32
/ CURRENT APPLICATION NUMBER: US/10/145,017A
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 119
/ LENGTH: 338
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-145-017A-119

Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLWSVAGGFGNAASARHHGLLASARQGVCHYGTGKLAACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLWSVAGGFGNAASARHHGLLASARQGVCHYGTGKLAACCYGWRNSKGV 60
QY 61 CEATCEPGCKEFCVGNKRCFCPGYTGKTCSDVNECGMKPRCQHRVCVNTGSKYKFC 120
Db 61 CEATCEPGCKEFCVGNKRCFCPGYTGKTCSDVNECGMKPRCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
```


Db 121 LSGHMLPDCVNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDEAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQVIGRYDCIDINECTMDSHTCSSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGFELQVIGRYDCIDINECTMDSHTCSSHANCFTQ 240
QY 241 GSFCKCKQYKGNLRCSPAIPNSVKEVLRAPTTKORIKKLLAHKNSMKKAKIKNT 300
Db 241 GSFCKCKQYKGNLRCSPAIPNSVKEVLRAPTTKORIKKLLAHKNSMKKAKIKNT 300
QY 301 PEPTRTPTKVNLOPNFYEEIVSRGNSHGKKGNEK 338
Db 301 PEPTRTPTKVNLOPNFYEEIVSRGNSHGKKGNEK 338

RESULT 63
US-10-164-728A-119
; Sequence 119, Application US/10164728A
; Publication No. US20030186368A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C43
; CURRENT APPLICATION NUMBER: US/10/164,728A
; PRIOR FILING DATE: 2001-10-19
; PRIOR FILING DATE: 2001-07-30
; PRIOR FILING DATE: 1997-10-17
; PRIOR FILING DATE: 1997-11-03
; PRIOR FILING DATE: 1997-11-13
; PRIOR FILING DATE: 1997-11-13
; PRIOR FILING DATE: 1997-11-21
; PRIOR FILING DATE: 1998-03-10
; PRIOR FILING DATE: 1998-03-11
; PRIOR FILING DATE: 1998-03-11
; PRIOR FILING DATE: 1998-03-11
; PRIOR FILING DATE: 1998-03-11
; PRIOR FILING DATE: 1998-03-11
; PRIOR FILING DATE: 1998-03-11
; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-728A-119
Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPELWSLALPLLISWAGGFGNAASRRHHGLASAROPGVCHYGTCLACCYWRNSKGV 60
Db 1 MPELWSLALPLLISWAGGFGNAASRRHHGLASAROPGVCHYGTCLACCYWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCRFPFGYTGKTCSDVNECGMKPRPCQHRVCVNTHTGSKFC 120
Db 61 CEATCEPGCKFGECVGNKRCRFPFGYTGKTCSDVNECGMKPRPCQHRVCVNTHTGSKFC 120
QY 121 LSGHMLPDCVNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDEAS 180
Db 121 LSGHMLPDCVNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDEAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQVIGRYDCIDINECTMDSHTCSSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGFELQVIGRYDCIDINECTMDSHTCSSHANCFTQ 240
QY 241 GSFCKCKQYKGNLRCSPAIPNSVKEVLRAPTTKORIKKLLAHKNSMKKAKIKNT 300
Db 241 GSFCKCKQYKGNLRCSPAIPNSVKEVLRAPTTKORIKKLLAHKNSMKKAKIKNT 300
QY 301 PEPTRTPTKVNLOPNFYEEIVSRGNSHGKKGNEK 338
Db 301 PEPTRTPTKVNLOPNFYEEIVSRGNSHGKKGNEK 338

RESULT 64
US-10-013-926A-119
; Sequence 119, Application US/10013926A
; Publication No. US20030187241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C80
; CURRENT APPLICATION NUMBER: US/10/013,926A

Qy 301 PEPTRTPTKVNLPFNVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPFNVEIIVSRGNSHGKKGNEEK 338

RESULT 66
US-10-145-124A-119
; Sequence 119, Application US/10145124A
; Publication No. US20030190703A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C44
; CURRENT APPLICATION NUMBER: US/10/145,124A
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 09/918595
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-124A-119

Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MFLPMSLALPLLSSWAGFGNAAARHHGLLASARQPGVCHYGTKLACCYGMRNKGK 60
Db 1 MFLPMSLALPLLSSWAGFGNAAARHHGLLASARQPGVCHYGTKLACCYGMRNKGK 60
Qy 61 CEATCEPGCKFGCEVGNKRCFCFPGYTGKTCSDVNECGMKRPFQHRVCVNTGSHYKFC 120
Db 61 CEATCEPGCKFGCEVGNKRCFCFPGYTGKTCSDVNECGMKRPFQHRVCVNTGSHYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCSDTEBGPCLCPSSGLRLANGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCSDTEBGPCLCPSSGLRLANGRDCLDIDECAS 180
Qy 181 GKVICPYNRRCVNTFGSYCKCHIGFELQYSGRYDCIDINECTMDSHHCANFTQ 240
Db 181 GKVICPYNRRCVNTFGSYCKCHIGFELQYSGRYDCIDINECTMDSHHCANFTQ 240
Qy 241 GSPKCKCKQYKNGRLRCSAIPENSVKVLRAPGTIKDRIKKLAHKNMKKAKIKNVT 300
Db 241 GSPKCKCKQYKNGRLRCSAIPENSVKVLRAPGTIKDRIKKLAHKNMKKAKIKNVT 300
Qy 301 PEPTRTPTKVNLPFNVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPFNVEIIVSRGNSHGKKGNEEK 338

RESULT 67
US-10-160-502A-119
; Sequence 119, Application US/10160502A
; Publication No. US20030190703A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C57
; CURRENT APPLICATION NUMBER: US/10/160,502A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918595
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364

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; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-160-502A-119

Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLWSVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNRSKGV 60
Db 1 MFLPWSLALPLLWSVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNRSKGV 60
QY 61 CEATCEPGCKGECVGNKRCFPYGTGKTCSDVNECGMKPRPCQHRVCVNTGSGYKFC 120
Db 61 CEATCEPGCKGECVGNKRCFPYGTGKTCSDVNECGMKPRPCQHRVCVNTGSGYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPTGIDRIKLLAHNSMKKAKIKNT 300
Db 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPTGIDRIKLLAHNSMKKAKIKNT 300
QY 301 PEPTPTPTKVNLPFNYYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPTKVNLPFNYYEIVSRGNSHGKKGNEEK 338

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RESULT 68

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US-10-145-087A-119
; Sequence 119, Application US/10145087A
; Publication No. US20030194410A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;

```

```

; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C47
; CURRENT APPLICATION NUMBER: US/10/145,087A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-087A-119

```

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Query Match      100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPLLWSVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNRSKGV 60
Db 1 MFLPWSLALPLLWSVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNRSKGV 60
QY 61 CEATCEPGCKGECVGNKRCFPYGTGKTCSDVNECGMKPRPCQHRVCVNTGSGYKFC 120
Db 61 CEATCEPGCKGECVGNKRCFPYGTGKTCSDVNECGMKPRPCQHRVCVNTGSGYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPTGIDRIKLLAHNSMKKAKIKNT 300
Db 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPTGIDRIKLLAHNSMKKAKIKNT 300
QY 301 PEPTPTPTKVNLPFNYYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPTKVNLPFNYYEIVSRGNSHGKKGNEEK 338

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RESULT 69

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US-10-017-086A-119
; Sequence 119, Application US/10017086A
; Publication No. US20030194744A1

```

```
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C64
; CURRENT APPLICATION NUMBER: US/10/017,086A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-086A-119

Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLSSWAGGFGNNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

Qy 61 CEATCEPGCKFGECVGNKCRCPFGYGTGKTSQDVNCEGKMKRPPCOHRCVNTHSGYKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPFGYGTGKTSQDVNCEGKMKRPPCOHRCVNTHSGYKFC 120

Qy 121 LSGHMLMPDATCVNSRTCAINCOYSCEDTEBGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAINCOYSCEDTEBGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

Qy 181 GKVICPNYRNCVNTFGSYCKCHIGFLEQVTSRYCIDINECTMDSHTSCHHANCFTQ 240
Db 181 GKVICPNYRNCVNTFGSYCKCHIGFLEQVTSRYCIDINECTMDSHTSCHHANCFTQ 240

Qy 241 GSFKCKCKQGYKGNLRCSPAIPENSVEVLRAPTGTDRIKLLAHKNSMKKAKIKNT 300
Db 241 GSFKCKCKQGYKGNLRCSPAIPENSVEVLRAPTGTDRIKLLAHKNSMKKAKIKNT 300

Qy 301 PEPTRTPTPKVNLQPPFYEEIVSRGGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPPFYEEIVSRGGNSHGKKGNEEK 338

RESULT 70
US-10-164-829A-119
; Sequence 119, Application US/10164829A
```

```
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEBGPQCLCPSSGLRLAPNGRDCILDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEBGPQCLCPSSGLRLAPNGRDCILDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFKCKCKQGYKNGLRCSAIPENSVEVLRAFGTIKDRICKLLAHNSMKKKAKIKNVT 300
Db 241 GSFKCKCKQGYKNGLRCSAIPENSVEVLRAFGTIKDRICKLLAHNSMKKKAKIKNVT 300
QY 301 PEPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEK 338
Db 301 PEPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEK 338

RESULT 71
US-10-164-929A-119
; Sequence 119, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC36
; CURRENT APPLICATION NUMBER: US/10/164,929A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
```

```
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-929A-119

Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLISWVAGGFGNAASARHHGLLASAQPQGVCHYGTKLACCYGWRNRSGV 60
Db 1 MPLPWSLALPLLISWVAGGFGNAASARHHGLLASAQPQGVCHYGTKLACCYGWRNRSGV 60
QY 61 CEATCEPGCKFGECVGNKRCFCPPGYTGKTCSDQVNECGMKPRPCQHRVCVNTHGSYKFC 120
Db 61 CEATCEPGCKFGECVGNKRCFCPPGYTGKTCSDQVNECGMKPRPCQHRVCVNTHGSYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEBGPQCLCPSSGLRLAPNGRDCILDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEBGPQCLCPSSGLRLAPNGRDCILDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFKCKCKQGYKNGLRCSAIPENSVEVLRAFGTIKDRICKLLAHNSMKKKAKIKNVT 300
Db 241 GSFKCKCKQGYKNGLRCSAIPENSVEVLRAFGTIKDRICKLLAHNSMKKKAKIKNVT 300
QY 301 PEPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEK 338
Db 301 PEPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEK 338

RESULT 72
US-10-013-922A-119
; Sequence 119, Application US/10013922A
; Publication No. US20030195345A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC36
; CURRENT APPLICATION NUMBER: US/10/164,929A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
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FILE REFERENCE: P2630PIC81
CURRENT APPLICATION NUMBER: US/10/013,922A
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
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PRIOR APPLICATION NUMBER: 60/078939
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PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
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PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
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PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
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PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
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PRIOR FILING DATE: 1998-04-08
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PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081329
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643

;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.08; Score 1931; DB 14; Length 338;

Best Local Similarity 100.08; Pred. No. 1.4e-151; Mismatches 0; Indels 0; Gaps 0;
Matches 338; Conservative 0;

QY 1 MFLPSLALPLLSSVAGFGNAASARHGLLASARQGVCHGTGKLACCYGWRNSKGV 60
Db 1 MFLPSLALPLLSSVAGFGNAASARHGLLASARQGVCHGTGKLACCYGWRNSKGV 60
QY 61 CBATCEPGCKGECVGNPKRCFFGYTGKTCQSDVNECGMKPRPCQHRVNTGSKFC 120
Db 61 CBATCEPGCKGECVGNPKRCFFGYTGKTCQSDVNECGMKPRPCQHRVNTGSKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLPSSGLRLAPNGRDLIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEEGPQCLPSSGLRLAPNGRDLIDECAS 180
QY 181 GKVICPNRRCVNTGSGYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTGSGYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGVGNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSKKKAKIKNVT 300
Db 241 GSFCKCKQGVGNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSKKKAKIKNVT 300
QY 301 PEPTPTPTKVNLPFNYYEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPTKVNLPFNYYEIVSRGNSHGKKGNEEK 338

RESULT 73

US-10-020-445A-119
; Sequence 119, Application US/10020445A

; Publication No. US20030198994A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Nepier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE OF INVENTION: Acids Encoding the Same
;; FILE REFERENCE: P2630P1C74
;; CURRENT APPLICATION NUMBER: US/10/020,445A
;; CURRENT FILING DATE: 2001-10-24
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; PRIOR APPLICATION NUMBER: 60/078004
;; PRIOR FILING DATE: 1998-03-13
;; PRIOR APPLICATION NUMBER: 60/078886
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078936
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078939
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
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;; PRIOR FILING DATE: 1998-03-27
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;; PRIOR FILING DATE: 1998-03-27
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;; PRIOR FILING DATE: 1998-03-27
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;; PRIOR FILING DATE: 1998-03-30
;; PRIOR APPLICATION NUMBER: 60/079923
;; PRIOR FILING DATE: 1998-03-30
;; PRIOR APPLICATION NUMBER: 60/080105
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080107
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080194
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080327

; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06

; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 14; Length 338;

Best Local Similarity 100.0%; Pred. No. 1.4e-151; Indels 0; Gaps 0;
Matches 338; Conservative 0; Mismatches 0;

Qy 1 MPLPWSLALPLLLSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLLSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Qy 61 CEATCFPGCKFGECVGNKRCRCPFGYTGKTSQDYNCEGMKRPQCHRCVNTGSHKCF 120
Db 61 CEATCFPGCKFGECVGNKRCRCPFGYTGKTSQDYNCEGMKRPQCHRCVNTGSHKCF 120
Qy 121 LSGHMLPDTATVNSRTCAMINCOYSCDETEBGPCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDTATVNSRTCAMINCOYSCDETEBGPCLCPSSGLRLAPNGRDCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Qy 241 GSPFCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDKLALAHKNSMKKAKIKNVT 300
Db 241 GSPFCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKDKLALAHKNSMKKAKIKNVT 300
Qy 301 PEPTRTPTPKVNLQPNYEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPNYEEIVSRGNSHGKKGNEEK 338

RESULT 74

US-10-013-924A-119
; Sequence 119, Application US/1001924A
; Publication No. US20030199021A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC76
CURRENT APPLICATION NUMBER: US/10/013,924A
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 119
LENGTH: 338
TYPE: PRT
ORGANISM: Homo sapiens
US-10-013-924A-119

Query Match 100.0%; Score 1931; DB 14; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPMSLALPLLSWAGGFGNNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKV 60
DB 1 MFLPMSLALPLLSWAGGFGNNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKV 60

QY 61 CEATCEPGCKFGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRQVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRQVNTGHSYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCEDTEBGPCLCPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCEDTEBGPCLCPSSGLRLAPNGRCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

QY 241 GSPKCKCKQYKNGLRCSAIPENSVEVLRAPGIVKIDRIKLLAHKSMKKKAKIKNT 300
DB 241 GSPKCKCKQYKNGLRCSAIPENSVEVLRAPGIVKIDRIKLLAHKSMKKKAKIKNT 300

QY 301 PEPTPTPKVNLQPNFYBEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPKVNLQPNFYBEIVSRGNSHGKKGNEEK 338

RESULT 75
US-10-017-084A-119
Sequence 119, Application US/10017084A
Publication No. US20030203402A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC66
CURRENT APPLICATION NUMBER: US/10/017,084A
CURRENT FILING DATE: 2002-04-30
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 119
LENGTH: 338
TYPE: PRT
ORGANISM: Homo sapiens
US-10-017-084A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPMSLALPLLSWAGGFGNNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKV 60
DB 1 MFLPMSLALPLLSWAGGFGNNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKV 60

QY 61 CEATCEPGCKFGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRQVNTGHSYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRQVNTGHSYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAVINCOYSCEDTEBGPCLCPSSGLRLAPNGRCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAVINCOYSCEDTEBGPCLCPSSGLRLAPNGRCLDIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKGNLRCSPAIPENSVKELRAPGTIKDRIKLLAHKNSMKKKAKIKNVT 300
DB 241 GSFCKCKQGYKGNLRCSPAIPENSVKELRAPGTIKDRIKLLAHKNSMKKKAKIKNVT 300
QY 301 PEPTRTPTKVNLPQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTKVNLPQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 76

US-10-017-085A-119
; Sequence 119, Application US/10017085A
; Publication No. US20030204055A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C73
; CURRENT APPLICATION NUMBER: US/10/017,085A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-085A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLISWVAGFGNAAARHGLLASARQPGVCHYGTKLACCCYGRNRSKGV 60
DB 1 MPLPWSLALPLLISWVAGFGNAAARHGLLASARQPGVCHYGTKLACCCYGRNRSKGV 60
QY 61 CEATCEPCGKFGECVGNKRCFPGYTGKTCSDVNECGMKRPPCQHRCVNTHGSKYKFC 120
DB 61 CEATCEPCGKFGECVGNKRCFPGYTGKTCSDVNECGMKRPPCQHRCVNTHGSKYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

DB 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKGNLRCSPAIPENSVKELRAPGTIKDRIKLLAHKNSMKKKAKIKNVT 300
DB 241 GSFCKCKQGYKGNLRCSPAIPENSVKELRAPGTIKDRIKLLAHKNSMKKKAKIKNVT 300
QY 301 PEPTRTPTKVNLPQPNFYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTKVNLPQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 77

US-10-013-916A-119
; Sequence 119, Application US/10013916A
; Publication No. US20030206915A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C79
; CURRENT APPLICATION NUMBER: US/10/013,916A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-916A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLISWVAGFGNAAARHGLLASARQPGVCHYGTKLACCCYGRNRSKGV 60
DB 1 MPLPWSLALPLLISWVAGFGNAAARHGLLASARQPGVCHYGTKLACCCYGRNRSKGV 60
QY 61 CEATCEPCGKFGECVGNKRCFPGYTGKTCSDVNECGMKRPPCQHRCVNTHGSKYKFC 120
DB 61 CEATCEPCGKFGECVGNKRCFPGYTGKTCSDVNECGMKRPPCQHRCVNTHGSKYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180

Db 121 LSGHMLPDCVNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFPELOYISGRYDCIDINECTMDSHHCNFKVNT 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFPELOYISGRYDCIDINECTMDSHHCNFKVNT 240
Qy 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAFGTIDRIKCLLAHNSMKKKAKIKNT 300
Db 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAFGTIDRIKCLLAHNSMKKKAKIKNT 300
Qy 301 PEPTPTPTKVNLPFNVEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPTKVNLPFNVEEIVSRGNSHGKKGNEEK 338
RESULT 78
US-10-143-026B-119
; Sequence 119, Application US/10143026B
; Publication No. US20030207803A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC58
; CURRENT APPLICATION NUMBER: US/10143,026B
; PRIOR FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-026B-119
Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MPLPWSLALPLLSSWVAGGFGNARSARHGLLASARQPGVCHYGTKLACCYGWRNRSKGV 60
Db 1 MPLPWSLALPLLSSWVAGGFGNARSARHGLLASARQPGVCHYGTKLACCYGWRNRSKGV 60
Qy 61 CEATCEPGCKFGECVGNPKRCFFGYTGKTCSDVNECGMKPRPCQHRVCNTHGSKFC 120
Db 61 CEATCEPGCKFGECVGNPKRCFFGYTGKTCSDVNECGMKPRPCQHRVCNTHGSKFC 120
Qy 121 LSGHMLPDCVNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180
Db 121 LSGHMLPDCVNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCIDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFPELOYISGRYDCIDINECTMDSHHCNFKVNT 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFPELOYISGRYDCIDINECTMDSHHCNFKVNT 240
Qy 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAFGTIDRIKCLLAHNSMKKKAKIKNT 300
Db 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAFGTIDRIKCLLAHNSMKKKAKIKNT 300
Qy 301 PEPTPTPTKVNLPFNVEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTPTKVNLPFNVEEIVSRGNSHGKKGNEEK 338
RESULT 79
US-10-013-918A-119
; Sequence 119, Application US/10013918A
; Publication No. US20030211091A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC77
; CURRENT APPLICATION NUMBER: US/10/013,918A

PRIOR APPLICATION NUMBER:	60/081203
PRIOR FILING DATE:	1998-04-09
PRIOR APPLICATION NUMBER:	60/081229
PRIOR FILING DATE:	1998-04-09
PRIOR APPLICATION NUMBER:	60/081955
PRIOR FILING DATE:	1998-04-15
PRIOR APPLICATION NUMBER:	60/081817
PRIOR FILING DATE:	1998-04-15
PRIOR APPLICATION NUMBER:	60/081819
PRIOR FILING DATE:	1998-04-15
PRIOR APPLICATION NUMBER:	60/081952
PRIOR FILING DATE:	1998-04-15
PRIOR APPLICATION NUMBER:	60/081838
PRIOR FILING DATE:	1998-04-15
PRIOR APPLICATION NUMBER:	60/082568
PRIOR FILING DATE:	1998-04-21
PRIOR APPLICATION NUMBER:	60/082569
PRIOR FILING DATE:	1998-04-21
PRIOR APPLICATION NUMBER:	60/082700
PRIOR FILING DATE:	1998-04-22
PRIOR APPLICATION NUMBER:	60/082804
PRIOR FILING DATE:	1998-04-22
PRIOR APPLICATION NUMBER:	60/082700
PRIOR FILING DATE:	1998-04-22
PRIOR APPLICATION NUMBER:	60/082797
PRIOR FILING DATE:	1998-04-22
PRIOR APPLICATION NUMBER:	60/082796
PRIOR FILING DATE:	1998-04-23
PRIOR APPLICATION NUMBER:	60/083336
PRIOR FILING DATE:	1998-04-27
PRIOR APPLICATION NUMBER:	60/083322
PRIOR FILING DATE:	1998-04-28
PRIOR APPLICATION NUMBER:	60/083392
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083495
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083496
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083499
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083545
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083554
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083558
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083559
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083500
PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083742
PRIOR FILING DATE:	1998-04-30
PRIOR APPLICATION NUMBER:	60/084366
PRIOR FILING DATE:	1998-05-05
PRIOR APPLICATION NUMBER:	60/084414
PRIOR FILING DATE:	1998-05-06
PRIOR APPLICATION NUMBER:	60/084441
PRIOR FILING DATE:	1998-05-06
PRIOR APPLICATION NUMBER:	60/084637
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084639
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084640
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084598
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084600
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084627
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084643
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/085339

; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWVAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPCCKGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPCCKGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLAPGTIKDRICKLAHKNMCKKAKIKNVT 300
DB 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLAPGTIKDRICKLAHKNMCKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338

; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C86
; CURRENT APPLICATION NUMBER: US/10/013,928A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-928A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWVAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGFGNAAARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPCCKGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPCCKGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLAPGTIKDRICKLAHKNMCKKAKIKNVT 300
DB 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLAPGTIKDRICKLAHKNMCKKAKIKNVT 300
QY 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338

RESULT 81
US-10-162-522A-119

; Sequence 119, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918595
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-162-522A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPFLWSLALPLLISWVAGGFGNAASARHGLLASARQPGVCHYGTGTLACCYGWRNSKGV 60
DB 1 MPFLWSLALPLLISWVAGGFGNAASARHGLLASARQPGVCHYGTGTLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDQVNECGMKRPPCQHRVCVNTHGSYKFC 120

Db 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDQVNECGMKRPPCQHRVCVNTHGSYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDETEGPQCLCPSSGLRLAPNGRDLIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCEDETEGPQCLCPSSGLRLAPNGRDLIDECAS 180
QY 181 GKVICPNRRVCNTFGSYCKCHIGFELQYLSGRYDCIDINECTMDSHHCNCFNTQ 240
Db 181 GKVICPNRRVCNTFGSYCKCHIGFELQYLSGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSPFKCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDRIKLLAHNSMKKAKIKNVT 300
Db 241 GSPFKCKCKQYKGNGLRCSAIPENSVKVLRAPGTIKDRIKLLAHNSMKKAKIKNVT 300
QY 301 PEPTRTPTKVNLPQNTVEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLPQNTVEEIVSRGNSHGKKGNEEK 338
RESULT 82
US-10-013-923A-119
; Sequence 119, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C87
; CURRENT APPLICATION NUMBER: US/10/013,923A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-923A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPFLWSLALPLLISWVAGGFGNAASARHGLLASARQPGVCHYGTGTLACCYGWRNSKGV 60
Db 1 MPFLWSLALPLLISWVAGGFGNAASARHGLLASARQPGVCHYGTGTLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKRCFPFGYTGKTCSDQVNECGMKRPPCQHRVCVNTHGSYKFC 120

Db 61 CEATCEPGCKFGECVGNKCRCPGGYTGKTCSDVNECGMKPRPCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPMDATCVNSRTCAMINCOYSCDETEBGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPMDATCVNSRTCAMINCOYSCDETEBGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCFNTQ 240
Db 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCFNTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVKVLEVRAPGTIKDRICKLLAHKNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKGNGLRCSAIPENSVKVLEVRAPGTIKDRICKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 83

US-10-013-925A-119
; Sequence 119, Application US/10013925A
; Publication No. US20030216560A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC83
; CURRENT APPLICATION NUMBER: US/10/013,925A
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-925A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLSSVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLSSVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGECVGNKCRCPGGYTGKTCSDVNECGMKPRPCQHRVCVNTGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKCRCPGGYTGKTCSDVNECGMKPRPCQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPMDATCVNSRTCAMINCOYSCDETEBGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPMDATCVNSRTCAMINCOYSCDETEBGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCFNTQ 240
Db 181 GKVICPNRRVCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCFNTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVKVLEVRAPGTIKDRICKLLAHKNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKGNGLRCSAIPENSVKVLEVRAPGTIKDRICKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

RESULT 84

US-10-013-927A-119
; Sequence 119, Application US/10013927A
; Publication No. US20030216561A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC88
; CURRENT APPLICATION NUMBER: US/10/013,927A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-927A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MFLPWSLALPLLSSVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLSSVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60

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Qy 61 CEATCEPGCKFGCEVGNKCRCPFGYTGKTCSDVNECGMKRPPCOHRCVNTGSHYKFC 120
Db 61 CEATCEPGCKFGCEVGNKCRCPFGYTGKTCSDVNECGMKRPPCOHRCVNTGSHYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAINQYSCDETEBGPQCLPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAINQYSCDETEBGPQCLPSSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Qy 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKRIKLLAHKSMKKKAKIKNVT 300
Db 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKRIKLLAHKSMKKKAKIKNVT 300
Qy 301 PEPTRTPTPKVNLQPNFYEBIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPNFYEBIVSRGNSHGKKGNEEK 338
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RESULT 85

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US-10-145-093A-119
; Sequence 119, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
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; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 119
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-093A-119
Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MFLPWSLALPLLLSWAGFGNAASARHHGLLASARQGVCHYGTGKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLLSWAGFGNAASARHHGLLASARQGVCHYGTGKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGCEVGNKCRCPFGYTGKTCSDVNECGMKRPPCOHRCVNTGSHYKFC 120
Db 61 CEATCEPGCKFGCEVGNKCRCPFGYTGKTCSDVNECGMKRPPCOHRCVNTGSHYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAINQYSCDETEBGPQCLPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAINQYSCDETEBGPQCLPSSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Qy 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKRIKLLAHKSMKKKAKIKNVT 300
Db 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAPGTIKRIKLLAHKSMKKKAKIKNVT 300
Qy 301 PEPTRTPTPKVNLQPNFYEBIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPNFYEBIVSRGNSHGKKGNEEK 338
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RESULT 86

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US-10-013-919A-119
; Sequence 119, Application US/10013919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C85
CURRENT APPLICATION NUMBER: US/10/013.919A
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 119
LENGTH: 338
TYPE: PRT
ORGANISM: Homo sapiens
US-10-013-919A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPMSLALPLLSSWAGGFGNNAARHGLLASARQGVCHYGTKLACCVGWRNRSKV 60
DB 1 MPLPMSLALPLLSSWAGGFGNNAARHGLLASARQGVCHYGTKLACCVGWRNRSKV 60

QY 61 CEATCEPGCKGECVGNPKRCFPYGTGKTCSDQVNECGMKPRPCQHRVNTHSYKFC 120
DB 61 CEATCEPGCKGECVGNPKRCFPYGTGKTCSDQVNECGMKPRPCQHRVNTHSYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRDLIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRDLIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240

QY 241 GSFCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDKIKLLAHKNSMKKKAKIKNVT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDKIKLLAHKNSMKKKAKIKNVT 300

QY 301 PEPTPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 87

US-10-013-920A-119
Sequence 119, Application US/10013920A
Publication No. US20040006219A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Nepier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C78
CURRENT APPLICATION NUMBER: US/10/013.920A
CURRENT FILING DATE: 2001-10-25
Prior Application removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 119
LENGTH: 338
TYPE: PRT
ORGANISM: Homo sapiens
US-10-013-920A-119

Query Match 100.0%; Score 1931; DB 15; Length 338;
Best Local Similarity 100.0%; Pred. No. 1.4e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPMSLALPLLSSWAGGFGNNAARHGLLASARQGVCHYGTKLACCVGWRNRSKV 60
DB 1 MPLPMSLALPLLSSWAGGFGNNAARHGLLASARQGVCHYGTKLACCVGWRNRSKV 60

QY 61 CEATCEPGCKGECVGNPKRCFPYGTGKTCSDQVNECGMKPRPCQHRVNTHSYKFC 120
DB 61 CEATCEPGCKGECVGNPKRCFPYGTGKTCSDQVNECGMKPRPCQHRVNTHSYKFC 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRDLIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDETEGPOCLCPSSGLRLAPNGRDLIDECAS 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240

QY 241 GSFCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDKIKLLAHKNSMKKKAKIKNVT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDKIKLLAHKNSMKKKAKIKNVT 300

QY 301 PEPTPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 88

US-09-981-649A-24
Sequence 24, Application US/09981649A
Patent No. US20020132250A1
GENERAL INFORMATION:
APPLICANT: Ford et al.
TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
FILE REFERENCE: 28110/37665


```
RESULT 90
US-10-058-270A-102
; Sequence 102, Application US/10058270A
; Publication No. US20040029114A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Afar, Daniel
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and
; FILE OF INVENTION: Methods of Screening for Modulators of Breast Cancer
; FILE REFERENCE: 018501-005210US
; CURRENT APPLICATION NUMBER: US/10/058,270A
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/263,965
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/265,928
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 09/829,472
; PRIOR FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: US 60/282,698
; PRIOR FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: US 60/288,590
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/294,443
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 141
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 102
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-058-270A-102

Query Match 100.0%; Score 1931; DB 12; Length 553;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGFGNAAARHHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWAGFGNAAARHHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHHCNCFNTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFKCKCKQGYKGNGLRCSAIPENSVEKVLAPGTIKDRIKKLLAHKNSMKKAKIKNT 300
DB 241 GSFKCKCKQGYKGNGLRCSAIPENSVEKVLAPGTIKDRIKKLLAHKNSMKKAKIKNT 300
QY 301 PEPTPTPTKPNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTKPNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 91
US-10-399-123-24
; Sequence 24, Application US/10399123
; Publication No. US2004005098A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/10/399,123
; CURRENT FILING DATE: 2003-04-14
```

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; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)....(553)
US-10-399-123-24

Query Match 100.0%; Score 1931; DB 12; Length 553;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWAGFGNAAARHHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWAGFGNAAARHHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKGECVGNKRCFPFGYTGKTCSDVNECGMKPRCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHHCNCFNTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGPELOYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFKCKCKQGYKGNGLRCSAIPENSVEKVLAPGTIKDRIKKLLAHKNSMKKAKIKNT 300
DB 241 GSFKCKCKQGYKGNGLRCSAIPENSVEKVLAPGTIKDRIKKLLAHKNSMKKAKIKNT 300
QY 301 PEPTPTPTKPNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTPTPTKPNLQPFNYEIVSRGNSHGKKGNEEK 338

RESULT 92
US-10-124-986-24
; Sequence 24, Application US/10124986
; Publication No. US20030036508A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)....(553)
```

US-10-124-986-24

Query Match 100.0%; Score 1931; DB 14; Length 553;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNPKRCRCPFGYTGKTCSDVNECGMKPRPCQHRVNTHSYKFC 120
Db 61 CEATCEPGCKFGECVGNPKRCRCPFGYTGKTCSDVNECGMKPRPCQHRVNTHSYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEBGPQCLCPSSGRLAPNGRDLIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEBGPQCLCPSSGRLAPNGRDLIDECAS 180
Qy 181 GKVICPNRRVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Db 181 GKVICPNRRVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Qy 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDKIKLLAHKNSMKKAKIKNT 300
Db 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDKIKLLAHKNSMKKAKIKNT 300
Qy 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338

RESULT 93

US-10-136-227A-24
; Sequence 24, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)....(553)
US-10-136-227A-24

Query Match 100.0%; Score 1931; DB 14; Length 553;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNPKRCRCPFGYTGKTCSDVNECGMKPRPCQHRVNTHSYKFC 120
Db 61 CEATCEPGCKFGECVGNPKRCRCPFGYTGKTCSDVNECGMKPRPCQHRVNTHSYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEBGPQCLCPSSGRLAPNGRDLIDECAS 180

Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEBGPQCLCPSSGRLAPNGRDLIDECAS 180
Qy 181 GKVICPNRRVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Db 181 GKVICPNRRVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Qy 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDKIKLLAHKNSMKKAKIKNT 300
Db 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDKIKLLAHKNSMKKAKIKNT 300
Qy 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTPKVNLQPFNYEIEIVSRGNSHGKKGNEEK 338

RESULT 94

US-10-112-881-24
; Sequence 24, Application US/10112881
; Publication No. US20030166909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363
; CURRENT APPLICATION NUMBER: US/10/112,881
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)....(553)
US-10-112-881-24

Query Match 100.0%; Score 1931; DB 14; Length 553;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPLPWSLALPLLSSWAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNPKRCRCPFGYTGKTCSDVNECGMKPRPCQHRVNTHSYKFC 120
Db 61 CEATCEPGCKFGECVGNPKRCRCPFGYTGKTCSDVNECGMKPRPCQHRVNTHSYKFC 120
Qy 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEBGPQCLCPSSGRLAPNGRDLIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEBGPQCLCPSSGRLAPNGRDLIDECAS 180
Qy 181 GKVICPNRRVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Db 181 GKVICPNRRVNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTCSHANCFTQ 240
Qy 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDKIKLLAHKNSMKKAKIKNT 300
Db 241 GSFCKCKQGYKGNGLRCSAIPENSVEVLRAPGTIKDKIKLLAHKNSMKKAKIKNT 300

Qy 301 PEPTRTPTPKVNLQPFNYEEIVSRGGNSHGKKGNEEK 338
Dy 301 PEPTRTPTPKVNLQPFNYEEIVSRGGNSHGKKGNEEK 338

```

RESULT 95
US-10-295-027-494
Sequence 494, Application US/10295027
Publication No. US20030232350A1
GENERAL INFORMATION:
APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glynn, Richard
APPLICANT: Hevezi, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-01250005
CURRENT APPLICATION NUMBER: US/10/295,027
CURRENT FILING DATE: 2002-11-13
PRIORITY APPLICATION NUMBER: US 09/663,733
PRIORITY FILING DATE: 2000-09-15
PRIORITY APPLICATION NUMBER: US 60/350,666
PRIORITY FILING DATE: 2001-11-13
PRIORITY APPLICATION NUMBER: US 60/335,394
PRIORITY FILING DATE: 2001-11-15
PRIORITY APPLICATION NUMBER: US 60/332,464
PRIORITY FILING DATE: 2001-11-21
PRIORITY APPLICATION NUMBER: US 60/334,393
PRIORITY FILING DATE: 2001-11-29
PRIORITY APPLICATION NUMBER: US 60/340,376
PRIORITY FILING DATE: 2001-12-14
PRIORITY APPLICATION NUMBER: US 60/347,211
PRIORITY FILING DATE: 2002-01-08
PRIORITY APPLICATION NUMBER: US 60/347,349
PRIORITY FILING DATE: 2002-01-10
PRIORITY APPLICATION NUMBER: US 60/355,250
PRIORITY FILING DATE: 2002-02-08
PRIORITY APPLICATION NUMBER: US 60/356,714
PRIORITY FILING DATE: 2002-02-13
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1386
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 494
LENGTH: 553
TYPE: PRT
ORGANISM: Homo sapiens
US-10-295-027-494

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Qy	241	GSFKCKQGYKGNGLRCSAIPENSVEVLRA	PETIKDR	IKLLAHKNSMCKKAKIKNT	300
Db	241	GSFKCKQGYKGNGLRCSAIPENSVEVLRA	PETIKDR	IKLLAHKNSMCKKAKIKNT	300
Qy	301	PEPTTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK	338		
Db	301	PEPTTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK	338		

RESULT 96
US-10-295-027-812
Sequence 812, Application US/10295027
Publication No. US20030232950A1
GENERAL INFORMATION:
APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glynn, Richard
APPLICANT: Hevezi, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
CURRENT FILING DATE: 2002-11-13
PRIORITY APPLICATION NUMBER: US 09/663,733
PRIORITY FILING DATE: 2000-09-15
PRIORITY APPLICATION NUMBER: US 60/350,666
PRIORITY FILING DATE: 2001-11-13
PRIORITY APPLICATION NUMBER: US 60/335,394
PRIORITY FILING DATE: 2001-11-15
PRIORITY APPLICATION NUMBER: US 60/332,464
PRIORITY FILING DATE: 2001-11-21
PRIORITY APPLICATION NUMBER: US 60/334,393
PRIORITY FILING DATE: 2001-11-29
PRIORITY APPLICATION NUMBER: US 60/340,376
PRIORITY FILING DATE: 2001-12-14
PRIORITY APPLICATION NUMBER: US 60/347,211
PRIORITY FILING DATE: 2002-01-08
PRIORITY APPLICATION NUMBER: US 60/347,349
PRIORITY FILING DATE: 2002-01-10
PRIORITY APPLICATION NUMBER: US 60/355,250
PRIORITY FILING DATE: 2002-02-08
PRIORITY APPLICATION NUMBER: US 60/356,714
PRIORITY FILING DATE: 2002-02-13
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1386
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 812
LENGTH: 553
TYPE: PRT
ORGANISM: Homo sapiens
US-10-295-027-812

Qy	1	MLPWSLALPLLLSWAGFGNAAARHGLLASARQGVCHTGTKLALCLGRRNSAGV	60
Qy	1	MLPWSLALPLLLSWAGFGNAAARHGLLASARQGVCHTGTKLALCLGRRNSAGV	60
Db	1	MLPWSLALPLLLSWAGFGNAAARHGLLASARQGVCHTGTKLALCLGRRNSAGV	60
Qy	61	CEATCEPGCKFGEVGPNNKCRCPGYTGKTSQDNECGMKPRCPQHRCVNTHGSKYKFC	120
Qy	121	LSGHMLMPATCVNSTRCTAMINQVSCEDTBEGPQCLCPSSGLRLAPNGRDCLDLIDECAS	180
Db	61	CEATCEPGCKFGEVGPNNKCRCPGYTGKTSQDNECGMKPRCPQHRCVNTHGSKYKFC	120
Qy	121	LSGHMLMPATCVNSTRCTAMINQVSCEDTBEGPQCLCPSSGLRLAPNGRDCLDLIDECAS	180
Db	121	LSGHMLMPATCVNSTRCTAMINQVSCEDTBEGPQCLCPSSGLRLAPNGRDCLDLIDECAS	180
Qy	181	GKVICPNYRRCVNTFGSYCKCHIGFELQVLSGYDIDINECTMOSHTCSHANCFTNQ	240
Db	181	GKVICPNYRRCVNTFGSYCKCHIGFELQVLSGYDIDINECTMOSHTCSHANCFTNQ	240

	Query Match	100.0%	Score 1931;	DB 15;	Length 553;
	Best Local Similarity	100.0%;	Pred. No. 2.5e-151;		
	Matches 339;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MPLEWSIALPFLLLSWVAGFGFNAASARHHGLLASARQPVGCHYGTGKLAACCYGWRNSXGV	60		
DB	1	MPLEWSIALPFLLLSWVAGFGFNAASARHHGLLASARQPVGCHYGTGKLAACCYGWRNSXGV	60		
QY	61	CEATCPGCKFCECGPNKRCFFGYTGKTCSDQDVNECGMKRPPCOHRCVNTHTSGYKFCF	120		
DB	61	CEATCPGCKFCECGPNKRCFFGYTGKTCSDQDVNECGMKRPPCOHRCVNTHTSGYKFCF	120		
QY	121	LSGHMLMPDATCVNSRTCAINRCOYSCDTEBGPQCLCPSSGRLRLAPNGRDCLDLIDECAS	180		

Db 121 LSGHMLPDTATVNSRTCAVINQYSCDTEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFSGYCKHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
Db 181 GKVICPNRRCVNTFSGYCKHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTKVNLOPFNYEIEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLOPFNYEIEIVSRGNSHGKKGNEEK 338

RESULT 97

US-10-295-027-841
; Sequence 841, Application US/10295027
; Publication No. US20030232350A1
; GENERAL INFORMATION:
; APPLICANT: Afari, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 841
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-841

Query Match 100.0%; Score 1931; DB 15; Length 553;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLSSWAGFGNNAASRHHGLLASAROPGVCHYGTKLACCYGRNRSKV 60
Db 1 MPLPWSLALPLLSSWAGFGNNAASRHHGLLASAROPGVCHYGTKLACCYGRNRSKV 60
QY 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPQHRVCVNTGSKYKFC 120

Db 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPDTATVNSRTCAVINQYSCDTEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDTATVNSRTCAVINQYSCDTEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFSGYCKHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
Db 181 GKVICPNRRCVNTFSGYCKHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKLLAHKNSMKKKAKIKNT 300
QY 301 PEPTRTPTKVNLOPFNYEIEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLOPFNYEIEIVSRGNSHGKKGNEEK 338
RESULT 98
US-10-173-999-46
; Sequence 46, Application US/10173999
; Publication No. US20040005563A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions
; TITLE OF INVENTION: and Methods of Screening for Modulators of Ovarian
; TITLE OF INVENTION: Cancer
; FILE REFERENCE: 018501-002420US
; CURRENT APPLICATION NUMBER: US/10/173,999
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: US 60/299,234
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/315,287
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/372,246
; PRIOR FILING DATE: 2001-04-12
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-173-999-46
Query Match 100.0%; Score 1931; DB 15; Length 553;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPLPWSLALPLLSSWAGFGNNAASRHHGLLASAROPGVCHYGTKLACCYGRNRSKV 60
Db 1 MPLPWSLALPLLSSWAGFGNNAASRHHGLLASAROPGVCHYGTKLACCYGRNRSKV 60
QY 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPQHRVCVNTGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDVNECGMKPRPQHRVCVNTGSKYKFC 120
QY 121 LSGHMLPDTATVNSRTCAVINQYSCDTEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLPDTATVNSRTCAVINQYSCDTEGPOCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFSGYCKHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
Db 181 GKVICPNRRCVNTFSGYCKHIGFELQYISGRYDCIDINECTMDSHHCNCFNTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAFGTTIKDRIKLLAHKNSMKKKAKIKNT 300

QY 301 PEPTRTPTKVNLOPFNVEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLOPFNVEIVSRGNSHGKKGNEEK 338

RESULT 99
US-10-188-832-189
; Sequence 189, Application US/10188832
; Publication No. US20040076955A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Aziz, Natasha
; TITLE OF INVENTION: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Bladder Cancer, Compositions
; TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder
; TITLE OF INVENTION: Cancer
; FILE REFERENCE: 018501-002330US
; CURRENT APPLICATION NUMBER: US/10/188,832
; CURRENT FILING DATE: 2002-11-22
; PRIOR APPLICATION NUMBER: US 60/302,814
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: US 60/310,099
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/343,705
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/372,246
; PRIOR FILING DATE: 2002-04-12
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 189
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-188-832-189

Query Match 100.0%; Score 1931; DB 16; Length 553;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNPKCRCPGYTGKTCSDVNECGMKPRCQHRVCNTHGSKFC 120
Db 61 CEATCEPGCKFGECVGNPKCRCPGYTGKTCSDVNECGMKPRCQHRVCNTHGSKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAFGTIKDRINKLLAHKNSMKKAKIKNVT 300
Db 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAFGTIKDRINKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTKVNLOPFNVEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLOPFNVEIVSRGNSHGKKGNEEK 338

RESULT 100
US-09-981-649A-32
; Sequence 32, Application US/09981649A
; Patent No. US20020132250A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.

; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/09/981,649A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 32
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-981-649A-32

Query Match 100.0%; Score 1931; DB 9; Length 554;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNPKCRCPGYTGKTCSDVNECGMKPRCQHRVCNTHGSKFC 120
Db 61 CEATCEPGCKFGECVGNPKCRCPGYTGKTCSDVNECGMKPRCQHRVCNTHGSKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
Db 121 LSGHMLMPDATCVNSRTCAMINQYSCDTEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
Db 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
QY 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAFGTIKDRINKLLAHKNSMKKAKIKNVT 300
Db 241 GSPKCKCKQYKGNGLRCSAIPENSVEVLRAFGTIKDRINKLLAHKNSMKKAKIKNVT 300
QY 301 PEPTRTPTKVNLOPFNVEIVSRGNSHGKKGNEEK 338
Db 301 PEPTRTPTKVNLOPFNVEIVSRGNSHGKKGNEEK 338

RESULT 101
US-10-399-123-32
; Sequence 32, Application US/10399123
; Publication No. US20040059098A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/10/399,123
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 32
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-399-123-32

Query Match 100.0%; Score 1931; DB 12; Length 554;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;

Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPILLSWAGGFGNNAASARHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MFLPWSLALPILLSWAGGFGNNAASARHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPTIKDRICKLAHNSMKKAKIKNT 300
DB 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPTIKDRICKLAHNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLOPPNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLOPPNYEEIVSRGNSHGKKGNEEK 338

RESULT 102

US-10-124-986-32
; Sequence 32, Application US/10124986
; Publication No. US20030036508A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 32
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-124-986-32

Query Match 100.0%; Score 1931; DB 14; Length 554;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPILLSWAGGFGNNAASARHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MFLPWSLALPILLSWAGGFGNNAASARHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
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QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240

QY 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPTIKDRICKLAHNSMKKAKIKNT 300
DB 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPTIKDRICKLAHNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLOPPNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLOPPNYEEIVSRGNSHGKKGNEEK 338

RESULT 103
US-10-136-227A-32
; Sequence 32, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 32
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-227A-32

Query Match 100.0%; Score 1931; DB 14; Length 554;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MFLPWSLALPILLSWAGGFGNNAASARHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MFLPWSLALPILLSWAGGFGNNAASARHGLLASAROPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
DB 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTCSDQVNECGMKPRPCQHRVCNTHGSKYKFC 120
QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPTIKDRICKLAHNSMKKAKIKNT 300
DB 241 GSFCKCKQYKGNGLRCSAIPENSVEVLRAPTIKDRICKLAHNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLOPPNYEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLOPPNYEEIVSRGNSHGKKGNEEK 338

RESULT 104

US-10-112-881-32
; Sequence 32, Application US/10112881
; Publication No. US20030166909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363
; CURRENT APPLICATION NUMBER: US/10/112,881

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/ CURRENT FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 09/981,649
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: US 09/687,860
/ PRIOR FILING DATE: 2000-10-13
/ PRIOR APPLICATION NUMBER: US 09/620,312
/ PRIOR FILING DATE: 2000-07-19
/ PRIOR APPLICATION NUMBER: US 09/363,316
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: US 09/249,697
/ PRIOR FILING DATE: 1999-02-12
/ PRIOR APPLICATION NUMBER: US 08/968,800
/ PRIOR FILING DATE: 1997-11-22
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 32
/ LENGTH: 554
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-112-881-32

Query Match      100.0%; Score 1931; DB 14; Length 554;
Best Local Similarity 100.0%; Pred. No. 2.5e-151;
Matches 338; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRCPQHRCVNTHSGYKFC 120
DB 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRCPQHRCVNTHSGYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKNGLRCSAIPENSKEVLRAPTGTDRIKLLAHKNSMKKAKIKNT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSKEVLRAPTGTDRIKLLAHKNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQFPNYYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQFPNYYEIVSRGNSHGKKGNEEK 338

RESULT 105
US-09-981-649A-6
/ Sequence 6, Application US/09981649A
/ Patent No. US20020132250A1
/ GENERAL INFORMATION:
/ APPLICANT: Ford et al.
/ TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
/ FILE REFERENCE: 28110/37665
/ CURRENT APPLICATION NUMBER: US 09/981,649A
/ CURRENT FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: US 09/687,860
/ PRIOR FILING DATE: 2000-10-13
/ PRIOR APPLICATION NUMBER: US 09/620,312
/ PRIOR FILING DATE: 2000-07-19
/ PRIOR APPLICATION NUMBER: US 09/363,316
/ PRIOR FILING DATE: 1999-07-28
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 6
/ LENGTH: 553
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: VARIANT
/ LOCATION: (1)...(553)
/ OTHER INFORMATION: Xaa = Any Amino Acid
US-10-112-881-32

Query Match      99.7%; Score 1926; DB 12; Length 553;
Best Local Similarity 99.7%; Pred. No. 6.5e-151;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRCPQHRCVNTHSGYKFC 120
DB 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRCPQHRCVNTHSGYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKNGLRCSAIPENSKEVLRAPTGTDRIKLLAHKNSMKKAKIKNT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSKEVLRAPTGTDRIKLLAHKNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQFPNYYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQFPNYYEIVSRGNSHGKKGNEEK 338
```

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/ NAME/KEY: misc feature
/ LOCATION: (357)
/ OTHER INFORMATION: Xaa = Any Amino Acid
US-09-981-649A-6

Query Match      99.7%; Score 1926; DB 9; Length 553;
Best Local Similarity 99.7%; Pred. No. 6.5e-151;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRCPQHRCVNTHSGYKFC 120
DB 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRCPQHRCVNTHSGYKFC 120
QY 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
DB 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLDIDECAS 180
QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFTQ 240
QY 241 GSFCKCKQGYKNGLRCSAIPENSKEVLRAPTGTDRIKLLAHKNSMKKAKIKNT 300
DB 241 GSFCKCKQGYKNGLRCSAIPENSKEVLRAPTGTDRIKLLAHKNSMKKAKIKNT 300
QY 301 PEPTRTPTPKVNLQFPNYYEIVSRGNSHGKKGNEEK 338
DB 301 PEPTRTPTPKVNLQFPNYYEIVSRGNSHGKKGNEEK 338

RESULT 106
US-10-399-123-6
/ Sequence 6, Application US/10399123
/ Publication No. US20040059098A1
/ GENERAL INFORMATION:
/ APPLICANT: Hyseq et al.
/ TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
/ FILE REFERENCE: 28110/37665
/ CURRENT APPLICATION NUMBER: US/10/399,123
/ CURRENT FILING DATE: 2003-04-14
/ PRIOR APPLICATION NUMBER: US 09/687,860
/ PRIOR FILING DATE: 2000-10-13
/ PRIOR APPLICATION NUMBER: US 09/620,312
/ PRIOR FILING DATE: 2000-07-19
/ PRIOR APPLICATION NUMBER: US 09/363,316
/ PRIOR FILING DATE: 1999-07-28
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 6
/ LENGTH: 553
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: VARIANT
/ LOCATION: (1)...(553)
/ OTHER INFORMATION: Xaa = Any Amino Acid
US-10-399-123-6

Query Match      99.7%; Score 1926; DB 12; Length 553;
Best Local Similarity 99.7%; Pred. No. 6.5e-151;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
QY 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRCPQHRCVNTHSGYKFC 120
DB 61 CEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRCPQHRCVNTHSGYKFC 120
```

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Qy 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKHIGPELOYSGRYDCIDINECTWDSHTCSHANCFTNQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGPELOYSGRYDCIDINECTWDSHTCSHANCFTNQ 240
Qy 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTTIKRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTTIKRIKLLAHKNSMKKKAKIKNT 300
Qy 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338

RESULT 107
US-10-124-986-6
; Sequence 6, Application US/10124986
; Publication No. US20030036508A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (357)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-124-986-6

Query Match 99.7%; Score 1926; DB 14; Length 553;
Best Local Similarity 99.7%; Pred. No. 6.5e-151;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MFLPWSLALPLLWSVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLWPVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHGSKYKFC 120
Qy 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKHIGPELOYSGRYDCIDINECTWDSHTCSHANCFTNQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGPELOYSGRYDCIDINECTWDSHTCSHANCFTNQ 240
Qy 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTTIKRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTTIKRIKLLAHKNSMKKKAKIKNT 300
Qy 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338

RESULT 108
US-10-136-227A-6
; Sequence 6, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (357)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-136-227A-6

Query Match 99.7%; Score 1926; DB 14; Length 553;
Best Local Similarity 99.7%; Pred. No. 6.5e-151;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MFLPWSLALPLLWSVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLWPVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHGSKYKFC 120
Qy 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKHIGPELOYSGRYDCIDINECTWDSHTCSHANCFTNQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGPELOYSGRYDCIDINECTWDSHTCSHANCFTNQ 240
Qy 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTTIKRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTTIKRIKLLAHKNSMKKKAKIKNT 300
Qy 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338

RESULT 109
US-10-112-881-6
; Sequence 6, Application US/10112881
; Publication No. US20030166909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363
; CURRENT FILING DATE: 2002-03-29
```

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Db 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338

RESULT 108
US-10-136-227A-6
; Sequence 6, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (357)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-136-227A-6

Query Match 99.7%; Score 1926; DB 14; Length 553;
Best Local Similarity 99.7%; Pred. No. 6.5e-151;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MFLPWSLALPLLWSVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Db 1 MFLPWSLALPLLWPVAGGFGNAASARHGLLASARQPGVCHYGTKLACCYGWRNSKGV 60
Qy 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHGSKYKFC 120
Db 61 CEATCEPGCKFGECVGNKRCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHGSKYKFC 120
Qy 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Db 121 LSGHMLPDPATCVNSRTCAMINCOYSCDETEEGPQCLCPSSGLRLAPNGRCLDIDECAS 180
Qy 181 GKVICPNRRCVNTFGSYCKHIGPELOYSGRYDCIDINECTWDSHTCSHANCFTNQ 240
Db 181 GKVICPNRRCVNTFGSYCKHIGPELOYSGRYDCIDINECTWDSHTCSHANCFTNQ 240
Qy 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTTIKRIKLLAHKNSMKKKAKIKNT 300
Db 241 GSPKCKCKQYKNGLRCSAIPENSVKVLRAPGTTIKRIKLLAHKNSMKKKAKIKNT 300
Qy 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338
Db 301 PEPTPTTPKVNLPFNVEIIVSRGNSHGKKGNEEK 338

RESULT 109
US-10-112-881-6
; Sequence 6, Application US/10112881
; Publication No. US20030166909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363
; CURRENT FILING DATE: 2002-03-29
```

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; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 553
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (357)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-112-881-6

Query Match          99.7%; Score 1926; DB 14; Length 553;
Best Local Similarity 99.7%; Pred. No. 6.5e-151;
Matches 337; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60
DB 1 MPEWLSLALPLLWVAGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

QY 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTSQDVNECGMKPRPCQRCVNTGSHYKCF 120
DB 61 CEATCEPGCKFGECVGNPKRCFPFGYTGKTSQDVNECGMKPRPCQRCVNTGSHYKCF 120

QY 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECA 180
DB 121 LSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECA 180

QY 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240
DB 181 GKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240

QY 241 GSFKCKCKQGYKNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHKNSMKKAKIKNV 300
DB 241 GSFKCKCKQGYKNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHKNSMKKAKIKNV 300

QY 301 PEPTTRTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
DB 301 PEPTTRTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 338

RESULT 110
US-09-981-649A-30
; Sequence 30, Application US/09981649A
; Patent No. US20020132250A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGF16, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/09/981,649A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 554
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-981-649A-30

Query Match          99.5%; Score 1920.5; DB 9; Length 554;
Best Local Similarity 99.7%; Pred. No. 1.9e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 59
DB 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

QY 60 VCEATCEPGCKFGECVGNPKRCFPFGYTGKTSQDVNECGMKPRPCQRCVNTGSHYKCF 119
DB 61 VCEATCEPGCKFGECVGNPKRCFPFGYTGKTSQDVNECGMKPRPCQRCVNTGSHYKCF 120

QY 120 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECA 179
DB 121 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECA 180

QY 180 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 239
DB 181 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCNTQ 240

QY 240 QGSFKCKCKQGYKNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHKNSMKKAKIKNV 299
DB 241 QGSFKCKCKQGYKNGLRCSAIPENSVKVLRAPGTIKDKRIKLLAHKNSMKKAKIKNV 300

QY 300 TPEPTRTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 338
DB 301 TPEPTRTPKVNLPFPNVEEIVSRGNSHGKKGNEEK 338

RESULT 111
US-10-399-123-30
; Sequence 30, Application US/10399123
; Publication No. US20040059098A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGF16, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/10/399,123
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-399-123-30

Query Match          99.5%; Score 1920.5; DB 12; Length 554;
Best Local Similarity 99.7%; Pred. No. 1.9e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 59
DB 1 MPEWLSLALPLLSSWVAGFGNAASARHHGLLASARQGVCHYGTKLACCYGWRNSKGV 60

QY 60 VCEATCEPGCKFGECVGNPKRCFPFGYTGKTSQDVNECGMKPRPCQRCVNTGSHYKCF 119
DB 61 VCEATCEPGCKFGECVGNPKRCFPFGYTGKTSQDVNECGMKPRPCQRCVNTGSHYKCF 120

QY 120 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECA 179
DB 121 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLPSSGLRLAPNGRDCLDIDECA 180
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Qy 180 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNT 239
Db 181 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNT 240
Qy 240 QGSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNV 299
Db 241 QGSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNV 300
Qy 300 TPEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 TPEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 339

RESULT 112
US-10-124-986-30
; Sequence 30, Application US/10124986
; Publication No. US20030036508A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-124-986-30

Query Match 99.5%; Score 1920.5; DB 14; Length 554;
Best Local Similarity 99.7%; Pred. No. 1.9e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Qy 1 MPLPWSLALPLLSSWVAGGFGNAASAR-HHGLASARQPGVCHYGTKLACCYGWRNSKG 59
Db 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLASARQPGVCHYGTKLACCYGWRNSKG 60
Qy 60 VCEATCEPGCKFGCEVGNKRCFPGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKCF 119
Db 61 VCEATCEPGCKFGCEVGNKRCFPGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKCF 120
Qy 120 CLSGHMLMPDATCVNSRTCAMINQYSCEDTEGFPCLCPSSGLRLAPNGRDCLDIDECA 179
Db 121 CLSGHMLMPDATCVNSRTCAMINQYSCEDTEGFPCLCPSSGLRLAPNGRDCLDIDECA 180
Qy 180 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNT 239
Db 181 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNT 240
Qy 240 QGSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNV 299
Db 241 QGSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNV 300
Qy 300 TPEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 TPEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 339

RESULT 113
US-10-136-227A-30
; Sequence 30, Application US/10136227A
; Publication No. US2003016586A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-124-986-30

Query Match 99.5%; Score 1920.5; DB 14; Length 554;
Best Local Similarity 99.7%; Pred. No. 1.9e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Qy 1 MPLPWSLALPLLSSWVAGGFGNAASAR-HHGLASARQPGVCHYGTKLACCYGWRNSKG 59
Db 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLASARQPGVCHYGTKLACCYGWRNSKG 60
Qy 60 VCEATCEPGCKFGCEVGNKRCFPGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKCF 119
Db 61 VCEATCEPGCKFGCEVGNKRCFPGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKCF 120
Qy 120 CLSGHMLMPDATCVNSRTCAMINQYSCEDTEGFPCLCPSSGLRLAPNGRDCLDIDECA 179
Db 121 CLSGHMLMPDATCVNSRTCAMINQYSCEDTEGFPCLCPSSGLRLAPNGRDCLDIDECA 180
Qy 180 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNT 239
Db 181 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNT 240
Qy 240 QGSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNV 299
Db 241 QGSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNV 300
Qy 300 TPEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 TPEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 339

RESULT 114
US-10-112-881-30
; Sequence 30, Application US/10112881
; Publication No. US20030165909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363
; CURRENT APPLICATION NUMBER: US/10/112,881
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 32
```

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; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-227A-30

Query Match 99.5%; Score 1920.5; DB 14; Length 554;
Best Local Similarity 99.7%; Pred. No. 1.9e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Qy 1 MPLPWSLALPLLSSWVAGGFGNAASAR-HHGLASARQPGVCHYGTKLACCYGWRNSKG 59
Db 1 MPLPWSLALPLLSSWVAGGFGNAASARHHGLASARQPGVCHYGTKLACCYGWRNSKG 60
Qy 60 VCEATCEPGCKFGCEVGNKRCFPGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKCF 119
Db 61 VCEATCEPGCKFGCEVGNKRCFPGYTGKTSQDVNECGMKPRPCQHRVNTGHSYKCF 120
Qy 120 CLSGHMLMPDATCVNSRTCAMINQYSCEDTEGFPCLCPSSGLRLAPNGRDCLDIDECA 179
Db 121 CLSGHMLMPDATCVNSRTCAMINQYSCEDTEGFPCLCPSSGLRLAPNGRDCLDIDECA 180
Qy 180 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNT 239
Db 181 SGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHHCNCFNT 240
Qy 240 QGSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNV 299
Db 241 QGSFKCKCKQGYKNGLRCSAIPENSVEKVLAPGTIKDRIKLLAHKNSMKKAKIKNV 300
Qy 300 TPEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338
Db 301 TPEPTRTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 339

RESULT 114
US-10-112-881-30
; Sequence 30, Application US/10112881
; Publication No. US20030165909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363
; CURRENT APPLICATION NUMBER: US/10/112,881
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 32
```

```
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 554
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-112-881-30

Query Match      99.5%; Score 1920.5; DB 14; Length 554;
Best Local Similarity 99.7%; Pred. No. 1.9e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 1 MFLPWSLALPLLSSWAGGFGNAASAR-HHGLLASARQPGVCHYGTKLACCYGRNSKG 59
Db 1 MFLPWSLALPLLSSWAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGRNSKG 60

QY 60 VCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHGSKCF 119
Db 61 VCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHGSKCF 120

QY 120 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 179
Db 121 CLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 180

QY 180 SKGVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFT 239
Db 181 SKGVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHANCFT 240

QY 240 QSGFKCKQGYKGNGLRCSAIPENSVEVLARPAGTIKDRIKKLLAHKNSMKKAKIKV 299
Db 241 QSGFKCKQGYKGNGLRCSAIPENSVEVLARPAGTIKDRIKKLLAHKNSMKKAKIKV 300

QY 300 TPEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 TPEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 339

RESULT 115
US-09-981-649A-28
; Sequence 28, Application US/09981649A
; Patent No. US20020132250A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/09/981,649A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 559
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-981-649A-28

Query Match      99.3%; Score 1918; DB 9; Length 559;
Best Local Similarity 98.3%; Pred. No. 3e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;

QY 1 MFLPWSLALPLLSSWAGGFGNAASAR-----HHGLLASARQPGVCHYGTKLACCYGR 54
Db 1 MFLPWSLALPLLSSWAGGFGNAASARSHHHHGLLASARQPGVCHYGTKLACCYGR 60

QY 55 RNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHG 114
Db 61 RNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHG 120

QY 115 SYKFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 174
Db 121 SYKFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 180

QY 175 IDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSH 234
Db 181 IDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSH 240

QY 235 NCFNTQGSFKCKQGYKGNGLRCSAIPENSVEVLARPAGTIKDRIKKLLAHKNSMKK 294
Db 241 NCFNTQGSFKCKQGYKGNGLRCSAIPENSVEVLARPAGTIKDRIKKLLAHKNSMKK 300

QY 295 KIKNVTPEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 KIKNVTPEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 344

RESULT 117
US-10-124-986-28
; Sequence 28, Application US/10124986
; Publication No. US20030036508A1
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Db 121 SYKFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 180
QY 175 IDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSH 234
Db 181 IDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSH 240
QY 235 NCFNTQGSFKCKQGYKGNGLRCSAIPENSVEVLARPAGTIKDRIKKLLAHKNSMKK 294
Db 241 NCFNTQGSFKCKQGYKGNGLRCSAIPENSVEVLARPAGTIKDRIKKLLAHKNSMKK 300
QY 295 KIKNVTPEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 KIKNVTPEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 344

RESULT 116
US-10-399-123-28
; Sequence 28, Application US/10399123
; Publication No. US20040059098A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/10/399,123
; PRIOR FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 559
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-399-123-28

Query Match      99.3%; Score 1918; DB 12; Length 559;
Best Local Similarity 98.3%; Pred. No. 3e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;

QY 1 MFLPWSLALPLLSSWAGGFGNAASAR-----HHGLLASARQPGVCHYGTKLACCYGR 54
Db 1 MFLPWSLALPLLSSWAGGFGNAASARSHHHHGLLASARQPGVCHYGTKLACCYGR 60

QY 55 RNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHG 114
Db 61 RNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDVNECGMKPRPCQHRCVNTHG 120

QY 115 SYKFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 174
Db 121 SYKFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 180

QY 175 IDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSH 234
Db 181 IDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCSH 240

QY 235 NCFNTQGSFKCKQGYKGNGLRCSAIPENSVEVLARPAGTIKDRIKKLLAHKNSMKK 294
Db 241 NCFNTQGSFKCKQGYKGNGLRCSAIPENSVEVLARPAGTIKDRIKKLLAHKNSMKK 300

QY 295 KIKNVTPEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
Db 301 KIKNVTPEPTRTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 344

RESULT 117
US-10-124-986-28
; Sequence 28, Application US/10124986
; Publication No. US20030036508A1
```

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; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 559
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-124-986-28

Query Match      99.3%; Score 1918; DB 14; Length 559;
Best Local Similarity 98.3%; Pred. No. 3e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;

QY      1  MPLPWSIALPLLISWVAGGFGNAASAR-----HHGLASAROPGVCHYGTKLACCYGWR 54
Db      1  MPLPWSIALPLLISWVAGGFGNAASARSHHHHHHGLASAROPGVCHYGTKLACCYGWR 60
QY      55  RNSKGVCCEATCEPGCKFGECVGNKCRCPFGYTKTCSQDVNECGMKPRPCQHRVCNTHG 114
Db      61  RNSKGVCCEATCEPGCKFGECVGNKCRCPFGYTKTCSQDVNECGMKPRPCQHRVCNTHG 120
QY      115 SYKFCFLSGHMLPDAVCNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLD 174
Db      121 SYKFCFLSGHMLPDAVCNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLD 180
QY      175 IDECASGKVICPNRRVCNTFGSYCKCHIGFELQVISGRYDCIDINECTMDSHTCSHA 234
Db      181 IDECASGKVICPNRRVCNTFGSYCKCHIGFELQVISGRYDCIDINECTMDSHTCSHA 240
QY      235 NCFNTQGSFKCKCKQGYKGNLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMKKA 294
Db      241 NCFNTQGSFKCKCKQGYKGNLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMKKA 300
QY      295 KIKNVTPEPTRTPKVNLOPFNYEEIVSRGNSHGKKGNEEK 338
Db      301 KIKNVTPEPTRTPKVNLOPFNYEEIVSRGNSHGKKGNEEK 344

RESULT 118
US-10-136-227A-28
; Sequence 28, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; PRIOR FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 559
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-227A-28

Query Match      99.3%; Score 1918; DB 14; Length 559;
Best Local Similarity 98.3%; Pred. No. 3e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;

QY      1  MPLPWSIALPLLISWVAGGFGNAASAR-----HHGLASAROPGVCHYGTKLACCYGWR 54
Db      1  MPLPWSIALPLLISWVAGGFGNAASARSHHHHHHGLASAROPGVCHYGTKLACCYGWR 60
QY      55  RNSKGVCCEATCEPGCKFGECVGNKCRCPFGYTKTCSQDVNECGMKPRPCQHRVCNTHG 114
Db      61  RNSKGVCCEATCEPGCKFGECVGNKCRCPFGYTKTCSQDVNECGMKPRPCQHRVCNTHG 120
QY      115 SYKFCFLSGHMLPDAVCNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLD 174
Db      121 SYKFCFLSGHMLPDAVCNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLD 180
QY      175 IDECASGKVICPNRRVCNTFGSYCKCHIGFELQVISGRYDCIDINECTMDSHTCSHA 234
Db      181 IDECASGKVICPNRRVCNTFGSYCKCHIGFELQVISGRYDCIDINECTMDSHTCSHA 240
QY      235 NCFNTQGSFKCKCKQGYKGNLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMKKA 294
Db      241 NCFNTQGSFKCKCKQGYKGNLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMKKA 300
QY      295 KIKNVTPEPTRTPKVNLOPFNYEEIVSRGNSHGKKGNEEK 338
Db      301 KIKNVTPEPTRTPKVNLOPFNYEEIVSRGNSHGKKGNEEK 344
```

```
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-227A-28

Query Match      99.3%; Score 1918; DB 14; Length 559;
Best Local Similarity 98.3%; Pred. No. 3e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;

QY      1  MPLPWSIALPLLISWVAGGFGNAASAR-----HHGLASAROPGVCHYGTKLACCYGWR 54
Db      1  MPLPWSIALPLLISWVAGGFGNAASARSHHHHHHGLASAROPGVCHYGTKLACCYGWR 60
QY      55  RNSKGVCCEATCEPGCKFGECVGNKCRCPFGYTKTCSQDVNECGMKPRPCQHRVCNTHG 114
Db      61  RNSKGVCCEATCEPGCKFGECVGNKCRCPFGYTKTCSQDVNECGMKPRPCQHRVCNTHG 120
QY      115 SYKFCFLSGHMLPDAVCNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLD 174
Db      121 SYKFCFLSGHMLPDAVCNSRTCAINCOYSCDETEEGPQCLCPSSGLRLAPNGRDCLD 180
QY      175 IDECASGKVICPNRRVCNTFGSYCKCHIGFELQVISGRYDCIDINECTMDSHTCSHA 234
Db      181 IDECASGKVICPNRRVCNTFGSYCKCHIGFELQVISGRYDCIDINECTMDSHTCSHA 240
QY      235 NCFNTQGSFKCKCKQGYKGNLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMKKA 294
Db      241 NCFNTQGSFKCKCKQGYKGNLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMKKA 300
QY      295 KIKNVTPEPTRTPKVNLOPFNYEEIVSRGNSHGKKGNEEK 338
Db      301 KIKNVTPEPTRTPKVNLOPFNYEEIVSRGNSHGKKGNEEK 344

RESULT 119
US-10-112-881-28
; Sequence 28, Application US/10112881
; Publication No. US20030166909A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38363
; CURRENT APPLICATION NUMBER: US/10/112,881
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 559
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-112-881-28

Query Match      99.3%; Score 1918; DB 14; Length 559;
Best Local Similarity 98.3%; Pred. No. 3e-150;
Matches 338; Conservative 0; Mismatches 0; Indels 6; Gaps 1;

QY      1  MPLPWSIALPLLISWVAGGFGNAASAR-----HHGLASAROPGVCHYGTKLACCYGWR 54
Db      1  MPLPWSIALPLLISWVAGGFGNAASARSHHHHHHGLASAROPGVCHYGTKLACCYGWR 60
QY      55  RNSKGVCCEATCEPGCKFGECVGNKCRCPFGYTKTCSQDVNECGMKPRPCQHRVCNTHG 114
Db      55  RNSKGVCCEATCEPGCKFGECVGNKCRCPFGYTKTCSQDVNECGMKPRPCQHRVCNTHG 114
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Db 61 RNSKGVCEATCEPGCKFGECVGNKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCVNTG 120

Qy 115 SYKCFCLSGHMLMPDATCVNSRTCAMINCYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 174

Db 121 SYKCFCLSGHMLMPDATCVNSRTCAMINCYSCDTEEGPQCLCPSSGLRLAPNGRDCLD 180

Qy 175 IDECAGSKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTSCHA 234

Db 181 IDECAGSKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTSCHA 240

Qy 235 NCENTQGSFKCKCKQYKGNGLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMKKA 294

Db 241 NCENTQGSFKCKCKQYKGNGLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMKKA 300

Qy 295 KIKNVTPEPTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

Db 301 KIKNVTPEPTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 344

RESULT 120

US-09-981-649A-18

Sequence 18, Application US/09981649A

Publication No. US20020132250A1

GENERAL INFORMATION:

APPLICANT: Ford et al.

TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS

FILE REFERENCE: 28110/37665

CURRENT APPLICATION NUMBER: US/09/981,649A

PRIOR FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: US 09/687,860

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 09/620,312

PRIOR FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: US 09/363,316

PRIOR FILING DATE: 1999-07-28

NUMBER OF SEQ ID NOS: 32

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 18

LENGTH: 502

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

LOCATION: (501)

OTHER INFORMATION: Xaa = Any Amino Acid

NAME/KEY: misc feature

LOCATION: (502)

OTHER INFORMATION: Xaa = Any Amino Acid

US-09-981-649A-18

Query Match 85.2%; Score 1646; DB 9; Length 502;

Best Local Similarity 100.0%; Pred. No. 8.5e-128;

Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 52 GWRNSKGVCEATCEPGCKFGECVGNKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCV 111

Db 1 GWRNSKGVCEATCEPGCKFGECVGNKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCV 60

Qy 112 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCYSCDTEEGPQCLCPSSGLRLAPNGRD 171

Db 61 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCYSCDTEEGPQCLCPSSGLRLAPNGRD 120

Qy 172 CLDIDECASGVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTS 231

Db 121 CLDIDECASGVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTS 180

Qy 232 HHANCFNTQGSFKCKCKQYKGNGLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMK 291

Db 181 HHANCFNTQGSFKCKCKQYKGNGLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMK 240

Qy 292 KKAKIKNVTPEPTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

Db 241 KKAKIKNVTPEPTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 287

RESULT 121

US-10-399-123-18

Sequence 18, Application US/10399123

Publication No. US20040059098A1

GENERAL INFORMATION:

APPLICANT: Hyseq et al.

TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS

FILE REFERENCE: 28110/37665

CURRENT APPLICATION NUMBER: US/10/399,123

PRIOR FILING DATE: 2003-04-14

PRIOR APPLICATION NUMBER: US 09/687,860

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 09/620,312

PRIOR FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: US 09/363,316

PRIOR FILING DATE: 1999-07-28

NUMBER OF SEQ ID NOS: 32

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 18

LENGTH: 502

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: VARIANT

LOCATION: (1)...(502)

OTHER INFORMATION: Xaa = Any Amino Acid

US-10-399-123-18

Query Match 85.2%; Score 1646; DB 12; Length 502;

Best Local Similarity 100.0%; Pred. No. 8.5e-128;

Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 52 GWRNSKGVCEATCEPGCKFGECVGNKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCV 111

Db 1 GWRNSKGVCEATCEPGCKFGECVGNKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCV 60

Qy 112 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCYSCDTEEGPQCLCPSSGLRLAPNGRD 171

Db 61 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCYSCDTEEGPQCLCPSSGLRLAPNGRD 120

Qy 172 CLDIDECASGVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTS 231

Db 121 CLDIDECASGVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTWDSHTS 180

Qy 232 HHANCFNTQGSFKCKCKQYKGNGLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMK 291

Db 181 HHANCFNTQGSFKCKCKQYKGNGLRCSAIPENSVEVLAPGTIKDRIKKLLAHKNSMK 240

Qy 292 KKAKIKNVTPEPTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 338

Db 241 KKAKIKNVTPEPTPTPKVNLQPNFYEEIVSRGNSHGKKGNEEK 287

RESULT 122

US-10-124-986-18

Sequence 18, Application US/10124986

Publication No. US20030036508A1

GENERAL INFORMATION:

APPLICANT: Ford et al.

TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS

FILE REFERENCE: 28110/37958

CURRENT APPLICATION NUMBER: US/10/124,986

PRIOR FILING DATE: 2002-04-17

PRIOR APPLICATION NUMBER: US 09/981,649

PRIOR FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: US 09/687,860

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 09/620,312

PRIOR FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: US 09/363,316

PRIOR FILING DATE: 1999-07-28

NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 18
LENGTH: 502
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (501)
OTHER INFORMATION: Xaa = Any Amino Acid
NAME/KEY: misc feature
LOCATION: (502)
OTHER INFORMATION: Xaa = Any Amino Acid
US-10-124-986-18

Query Match 85.2%; Score 1646; DB 14; Length 502;
Best Local Similarity 100.0%; Pred. No. 8.5e-128;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 52 GWRNSKGVCEATCEPCGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRGVN 111
DB 1 GWRNSKGVCEATCEPCGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRGVN 60
QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120
QY 172 CLDIDECASGKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHS 231
DB 121 CLDIDECASGKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHS 180
QY 232 HHANCFTQSGFKCKQGYKNGLRCSAIPENSKEVLRAPTIKDRIKKLLAHNSMK 291
DB 181 HHANCFTQSGFKCKQGYKNGLRCSAIPENSKEVLRAPTIKDRIKKLLAHNSMK 240
QY 292 KKAKIKNVTPETPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 241 KKAKIKNVTPETPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 287

RESULT 123
US-10-136-227A-18
Sequence 18, Application US/10136227A
Publication No. US20030165886A1
GENERAL INFORMATION:
APPLICANT: Ford et al.
TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
FILE REFERENCE: 28110/38407
CURRENT APPLICATION NUMBER: US/10/136,227A
CURRENT FILING DATE: 2002-05-01
PRIOR APPLICATION NUMBER: US 09/981,649
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: US 09/687,860
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: US 09/620,312
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: US 09/363,316
PRIOR FILING DATE: 1999-07-28
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 18
LENGTH: 502
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (501)
OTHER INFORMATION: Xaa = Any Amino Acid
NAME/KEY: misc feature
LOCATION: (502)
OTHER INFORMATION: Xaa = Any Amino Acid

US-10-136-227A-18

Query Match 85.2%; Score 1646; DB 14; Length 502;
Best Local Similarity 100.0%; Pred. No. 8.5e-128;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 52 GWRNSKGVCEATCEPCGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRGVN 111
DB 1 GWRNSKGVCEATCEPCGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRGVN 60
QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSYKCFCLSGHMLMPDATCVNSRTCAVINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120
QY 172 CLDIDECASGKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHS 231
DB 121 CLDIDECASGKVICPNRRVCNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHS 180
QY 232 HHANCFTQSGFKCKQGYKNGLRCSAIPENSKEVLRAPTIKDRIKKLLAHNSMK 291
DB 181 HHANCFTQSGFKCKQGYKNGLRCSAIPENSKEVLRAPTIKDRIKKLLAHNSMK 240
QY 292 KKAKIKNVTPETPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 338
DB 241 KKAKIKNVTPETPTPTPKVNLQPFNYEIVSRGNSHGKKGNEEK 287

RESULT 124

US-10-112-981-18
Sequence 18, Application US/10112881
Publication No. US20030166909A1
GENERAL INFORMATION:
APPLICANT: Ford et al.
TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
FILE REFERENCE: 28110/38363
CURRENT APPLICATION NUMBER: US/10/112,881
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 09/981,649
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: US 09/687,860
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: US 09/620,312
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: US 09/363,316
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 09/249,697
PRIOR FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 08/968,800
PRIOR FILING DATE: 1997-11-22
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 18
LENGTH: 502
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (501)
OTHER INFORMATION: Xaa = Any Amino Acid
NAME/KEY: misc feature
LOCATION: (502)
OTHER INFORMATION: Xaa = Any Amino Acid
US-10-112-981-18

Query Match 85.2%; Score 1646; DB 14; Length 502;
Best Local Similarity 100.0%; Pred. No. 8.5e-128;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 52 GWRNSKGVCEATCEPCGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRGVN 111
DB 1 GWRNSKGVCEATCEPCGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRGVN 60

QY 112 THGSKYKCFCLSGHMLPDAVCNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSKYKCFCLSGHMLPDAVCNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120
QY 172 CLDIDECASGKVICPNRRCVNTFGSYKCHIGFELQYISGRYDCIDINECTMDSHTCS 231
DB 121 CLDIDECASGKVICPNRRCVNTFGSYKCHIGFELQYISGRYDCIDINECTMDSHTCS 180
QY 232 HHANCFNTQGSFKCKCKQYKGNLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMK 291
DB 181 HHANCFNTQGSFKCKCKQYKGNLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMK 240
QY 292 KKAKIKNVTPEPTPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 241 KKAKIKNVTPEPTPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 287

RESULT 125

US-09-981-649A-4
; Sequence 4, Application US/09981649A
; Patent No. US20020132250A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37865
; CURRENT APPLICATION NUMBER: US/09/981,649A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 537
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: {503}
; OTHER INFORMATION: Xaa = Any Amino Acid
US-09-981-649A-4

Query Match 85.2%; Score 1646; DB 9; Length 537;
Best Local Similarity 100.0%; Pred. No. 9.2e-128; Mismatches 0; Indels 0; Gaps 0;
Matches 287; Conservative 0;

QY 52 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCN 111
DB 1 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCN 60
QY 112 THGSKYKCFCLSGHMLPDAVCNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSKYKCFCLSGHMLPDAVCNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120
QY 172 CLDIDECASGKVICPNRRCVNTFGSYKCHIGFELQYISGRYDCIDINECTMDSHTCS 231
DB 121 CLDIDECASGKVICPNRRCVNTFGSYKCHIGFELQYISGRYDCIDINECTMDSHTCS 180
QY 232 HHANCFNTQGSFKCKCKQYKGNLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMK 291
DB 181 HHANCFNTQGSFKCKCKQYKGNLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMK 240
QY 292 KKAKIKNVTPEPTPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 241 KKAKIKNVTPEPTPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 287

RESULT 126

US-10-399-123-4
; Sequence 4, Application US/10399123

; Publication No. US20040059098A1
; GENERAL INFORMATION:
; APPLICANT: Hysreq et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37665
; CURRENT APPLICATION NUMBER: US/10/399,123
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 537
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: {1}...(537)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-399-123-4

Query Match 85.2%; Score 1646; DB 12; Length 537;
Best Local Similarity 100.0%; Pred. No. 9.2e-128; Mismatches 0; Indels 0; Gaps 0;
Matches 287; Conservative 0;

QY 52 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCN 111
DB 1 GWRNSKGVCEATCEPGCKFGECVGNPKRCFPGYTGKTCSDQVNECGMKPRPCQHRVCN 60
QY 112 THGSKYKCFCLSGHMLPDAVCNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSKYKCFCLSGHMLPDAVCNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120
QY 172 CLDIDECASGKVICPNRRCVNTFGSYKCHIGFELQYISGRYDCIDINECTMDSHTCS 231
DB 121 CLDIDECASGKVICPNRRCVNTFGSYKCHIGFELQYISGRYDCIDINECTMDSHTCS 180
QY 232 HHANCFNTQGSFKCKCKQYKGNLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMK 291
DB 181 HHANCFNTQGSFKCKCKQYKGNLRCSAIPENSVEVLRAPGTIKDRIKKLLAHKNSMK 240
QY 292 KKAKIKNVTPEPTPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 241 KKAKIKNVTPEPTPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 287

RESULT 127

US-10-124-986-4
; Sequence 4, Application US/10124986
; Publication No. US20030036508A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/37958
; CURRENT APPLICATION NUMBER: US/10/124,986
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 537
; TYPE: PRT

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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (503)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-124-986-4

Query Match      85.2%; Score 1646; DB 14; Length 537;
Best Local Similarity 100.0%; Pred. No. 9.2e-128;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 GWRNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRV 111
DB 1 GWRNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRV 60

QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120

QY 172 CLDIDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 231
DB 121 CLDIDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 180

QY 232 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEKVLRAPTIKORIKKLLAHKNSMK 291
DB 181 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEKVLRAPTIKORIKKLLAHKNSMK 240

QY 292 KXAKIKNVTPEPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 241 KXAKIKNVTPEPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 287

RESULT 128
US-10-136-227A-4
; Sequence 4, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/249,697
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; PRIOR FILING DATE: 1997-11-22
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 537
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (503)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-136-227A-4

Query Match      85.2%; Score 1646; DB 14; Length 537;
Best Local Similarity 100.0%; Pred. No. 9.2e-128;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 GWRNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRV 111
DB 1 GWRNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRV 60

QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120

QY 172 CLDIDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 231
DB 121 CLDIDECASGKVICPNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDSHTCS 180

QY 232 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEKVLRAPTIKORIKKLLAHKNSMK 291
DB 181 HHANCFNTQGSFKCKQKQYKGNLRCSAIPENSVEKVLRAPTIKORIKKLLAHKNSMK 240

QY 292 KXAKIKNVTPEPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 338
DB 241 KXAKIKNVTPEPTPTPKVNLQPFNYEEIVSRGNSHGKKGNEEK 287

US-10-136-227A-4
; Sequence 4, Application US/10136227A
; Publication No. US20030165886A1
; GENERAL INFORMATION:
; APPLICANT: Ford et al.
; TITLE OF INVENTION: EGF MOTIF PROTEIN, EGFL6, MATERIALS AND METHODS
; FILE REFERENCE: 28110/38407
; CURRENT APPLICATION NUMBER: US/10/136,227A
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 09/981,649
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 09/687,860
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/363,316
; PRIOR FILING DATE: 1999-07-28
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 537
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (503)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-136-227A-4

Query Match      85.2%; Score 1646; DB 14; Length 537;
Best Local Similarity 100.0%; Pred. No. 9.2e-128;
Matches 287; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 GWRNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRV 111
DB 1 GWRNSKGVCEATCEPGCKFGECVGNKCRCPFGYTGKTCSDQVNECGMKPRPCQHRV 60

QY 112 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 171
DB 61 THGSYKCFCLSGHMLMPDATCVNSRTCAMINCOYSCDTEEGPQCLCPSSGLRLAPNGRD 120
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